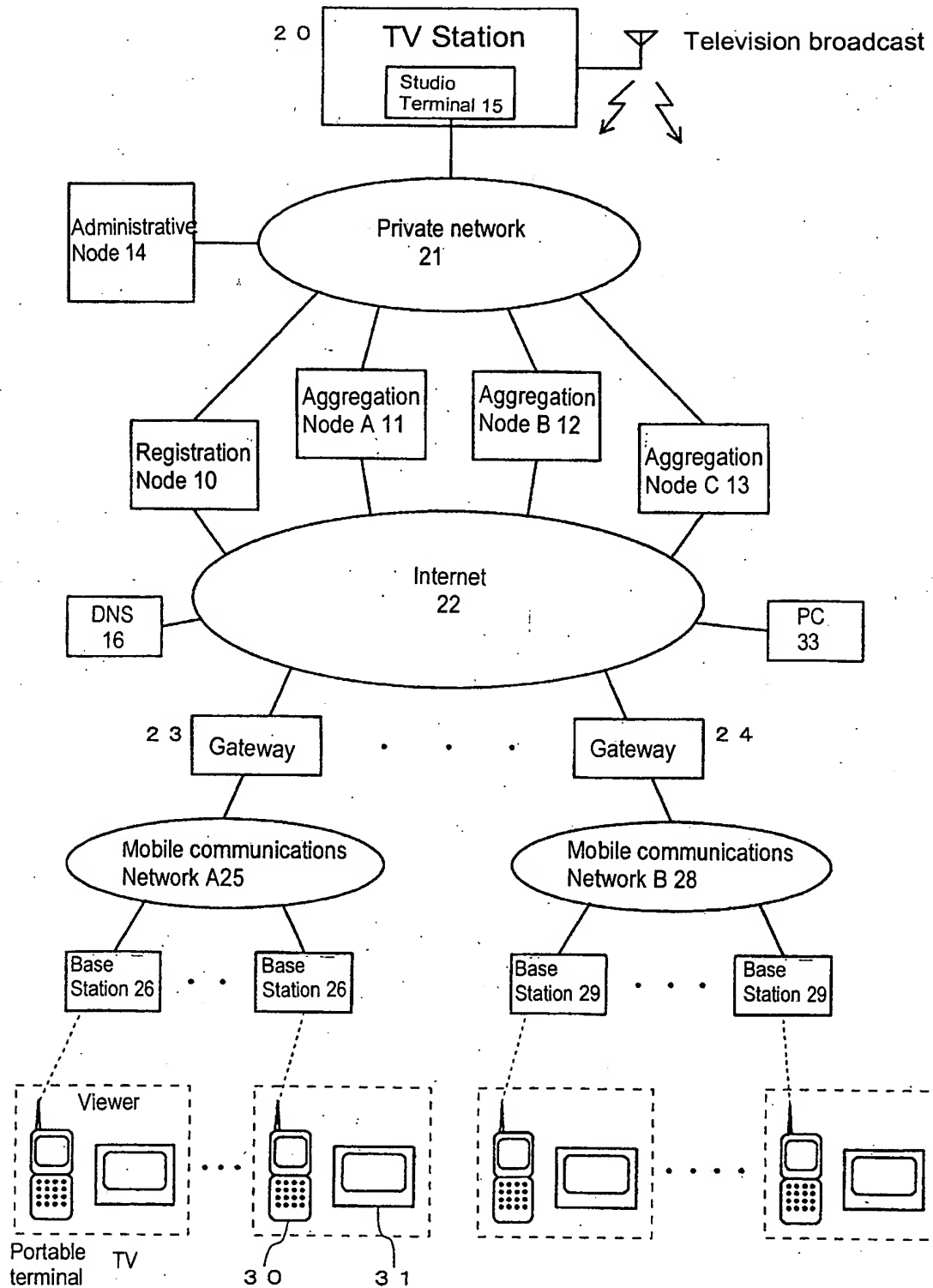


FIG. 1



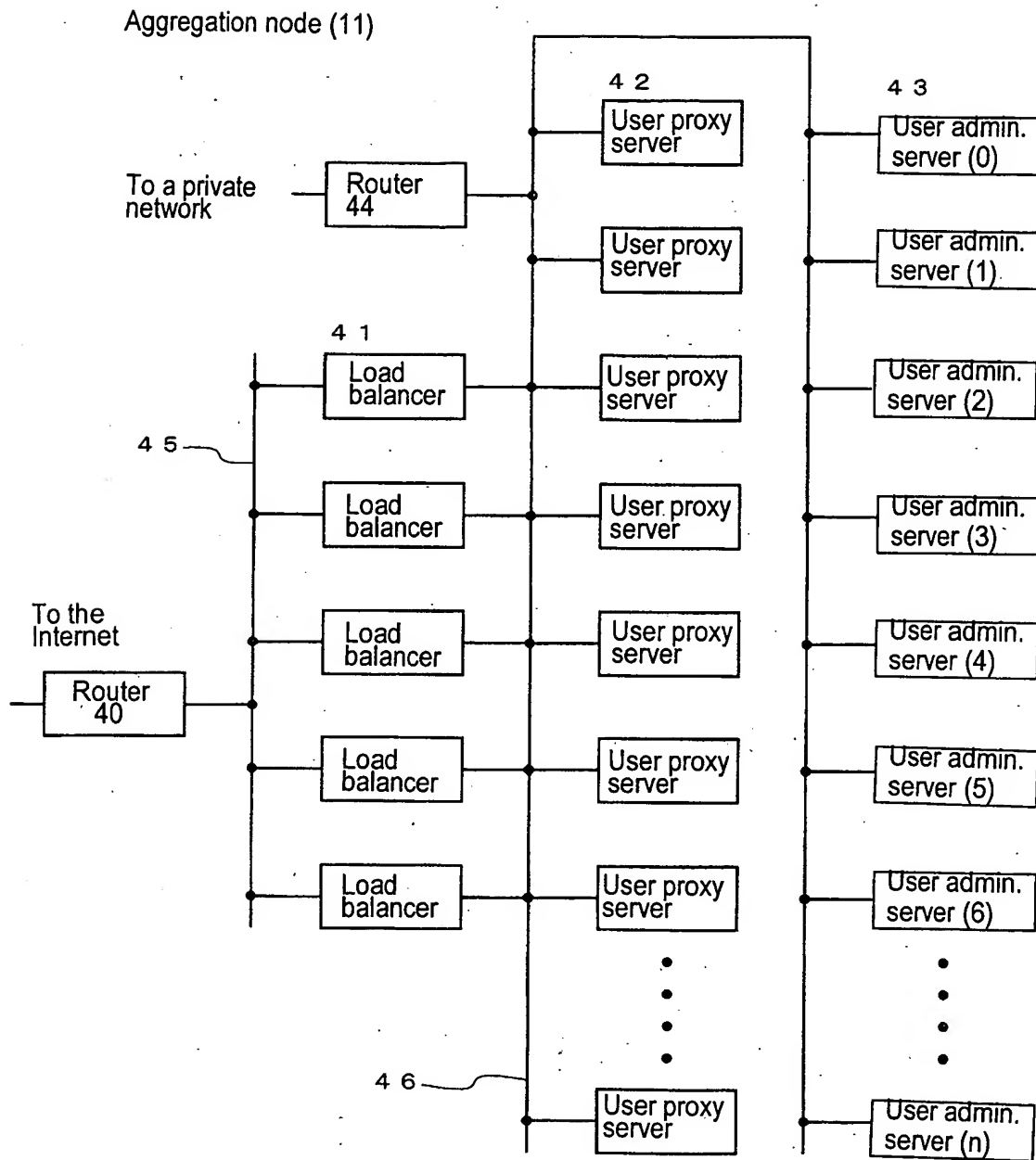


FIG. 2

FIG. 3 (a)

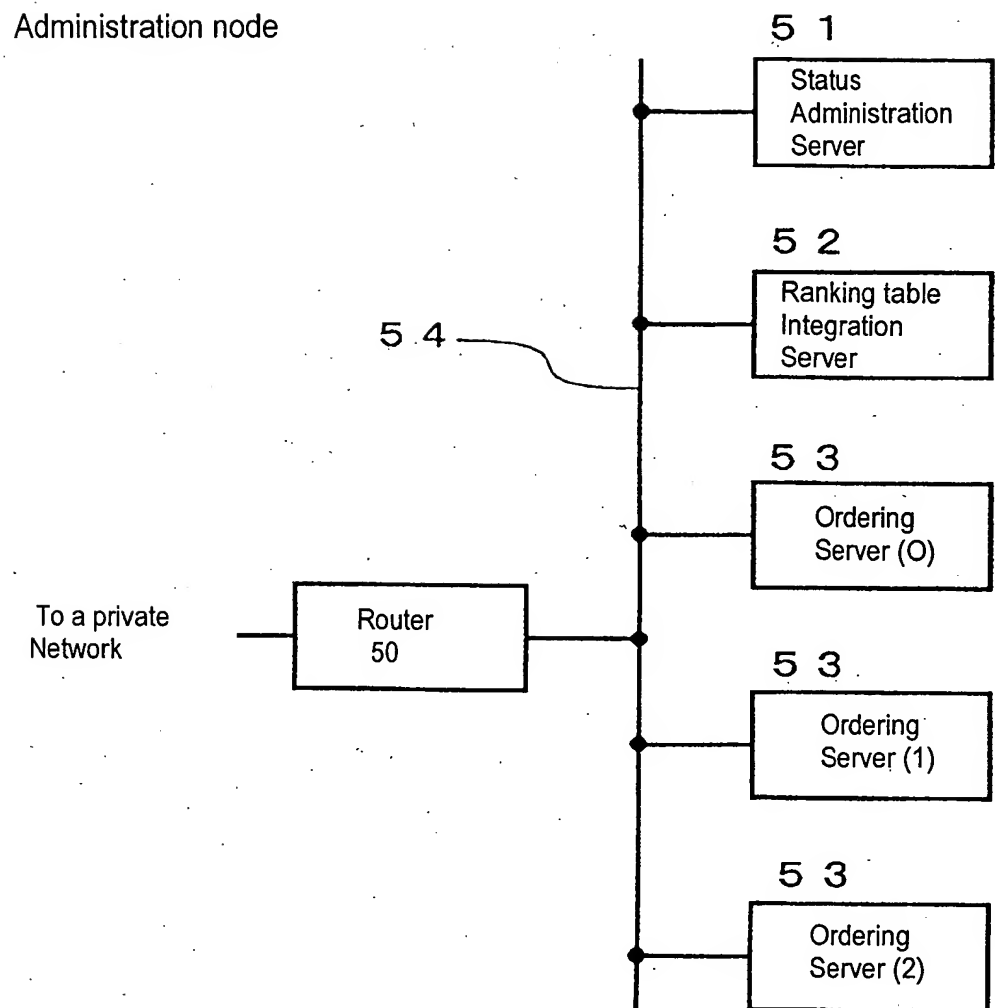


FIG. 3 (b)

Registration node

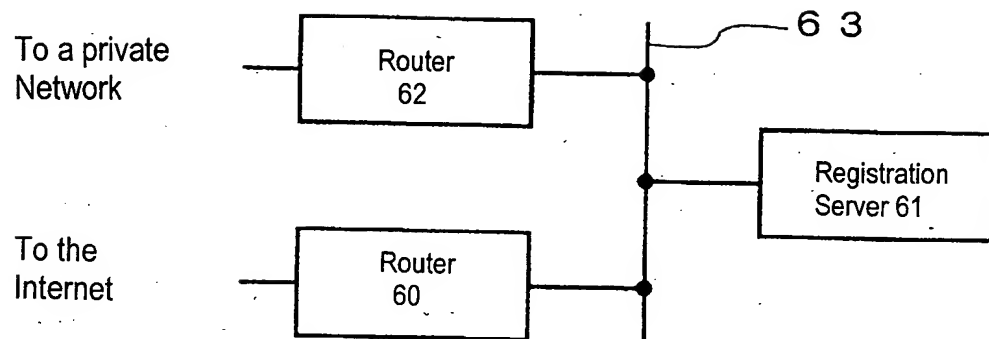
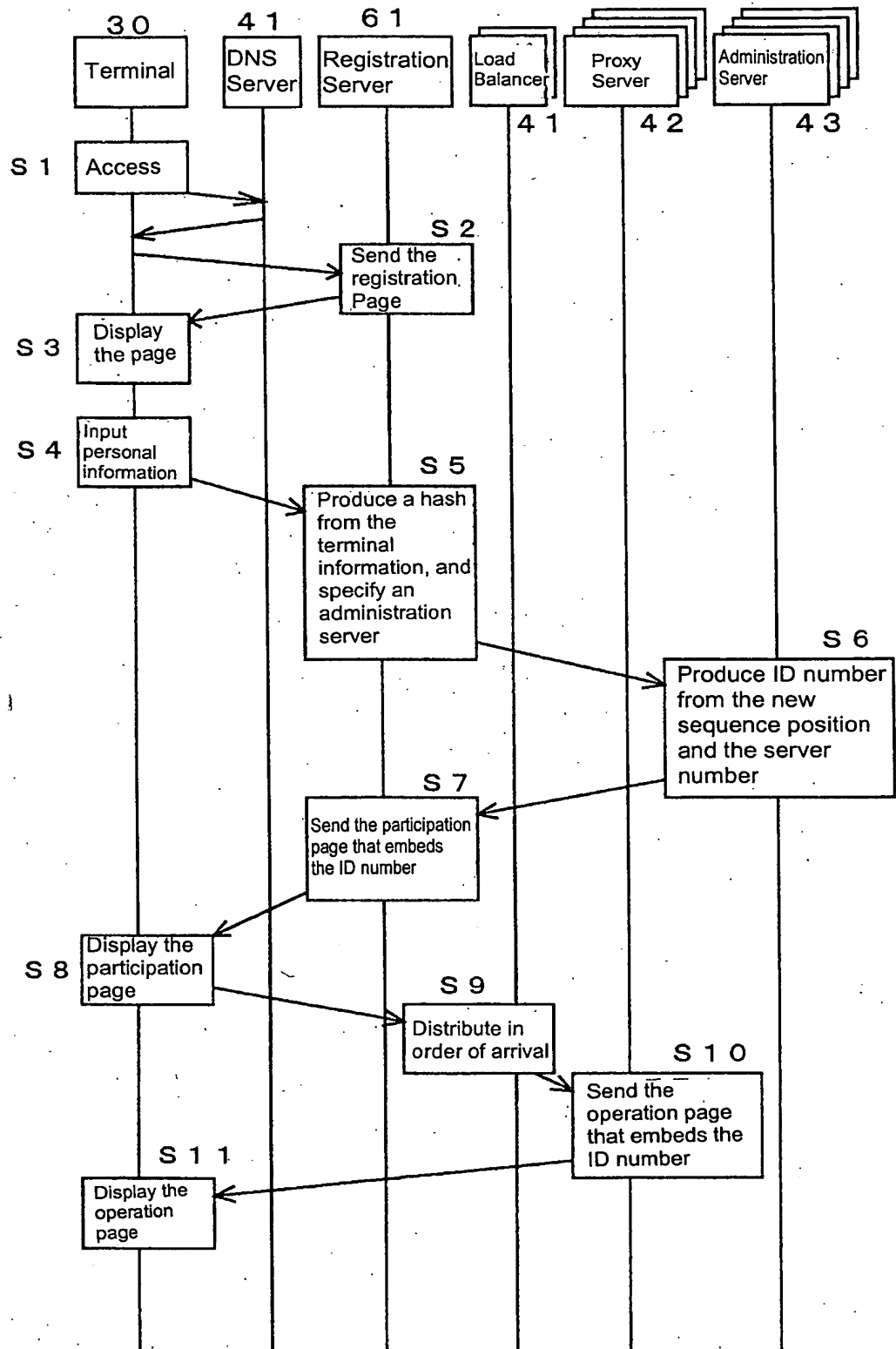


FIG. 4



(Below, move to the processing during operation)

FIG. 5

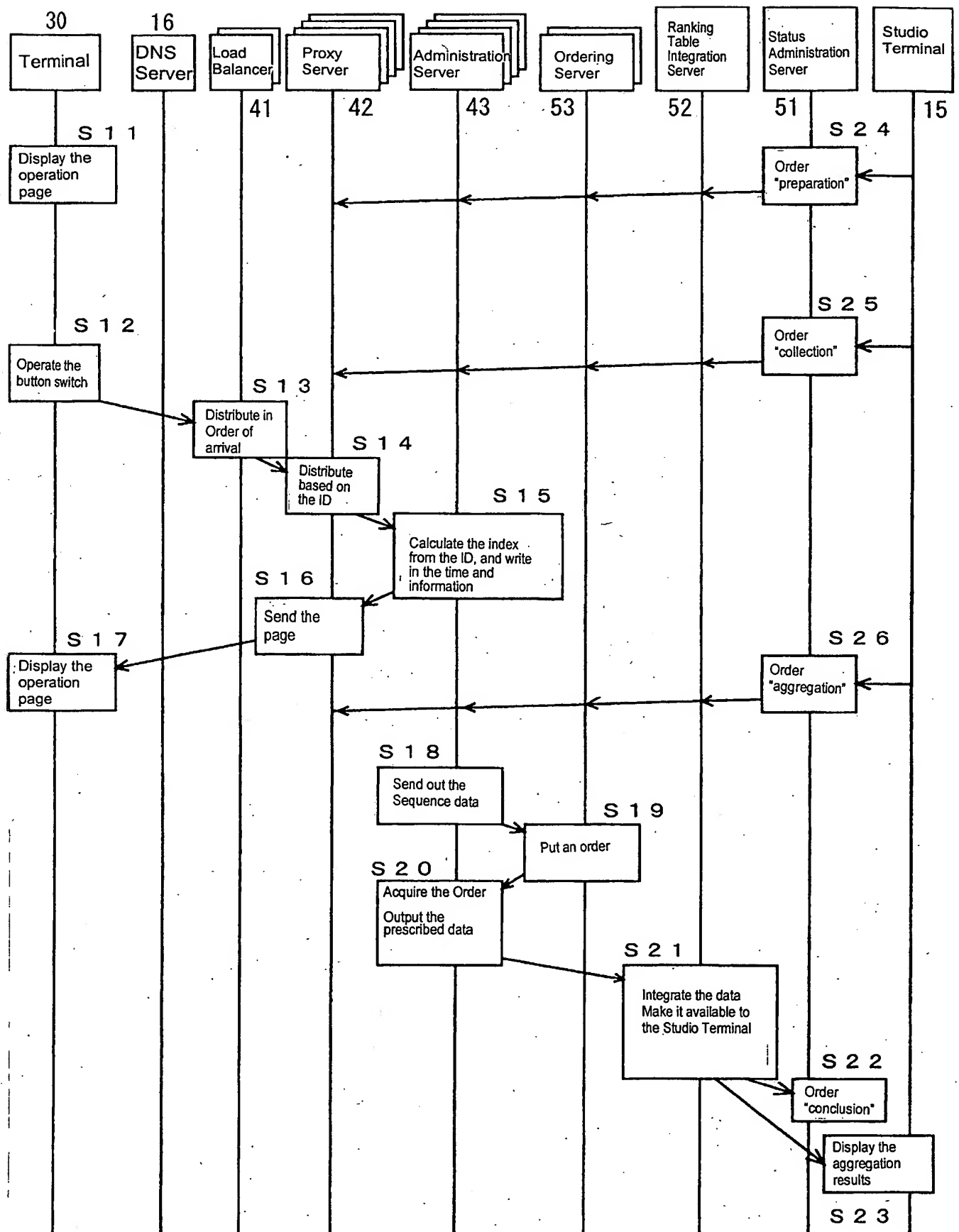


FIG. 6

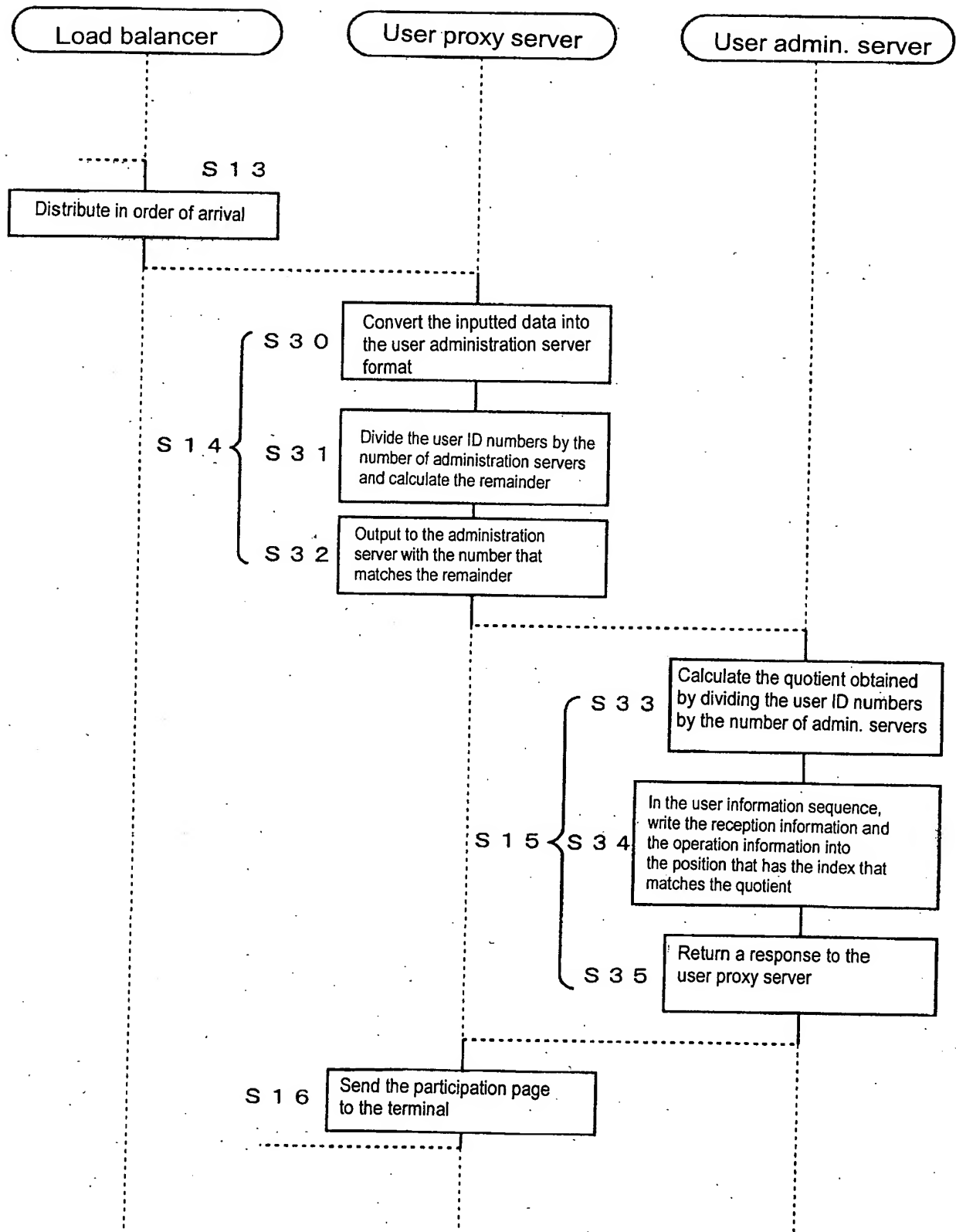


FIG. 7

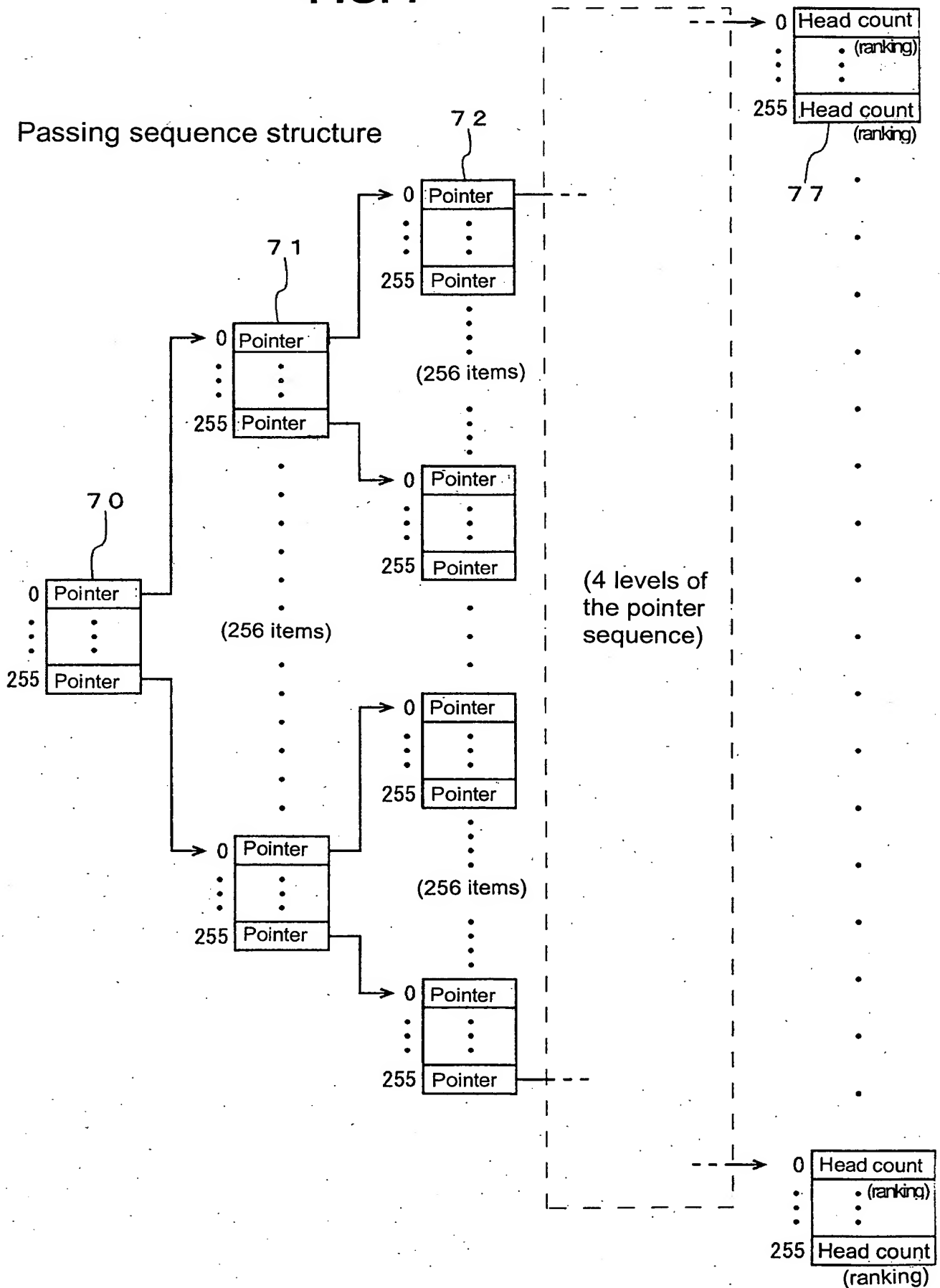


FIG. 8

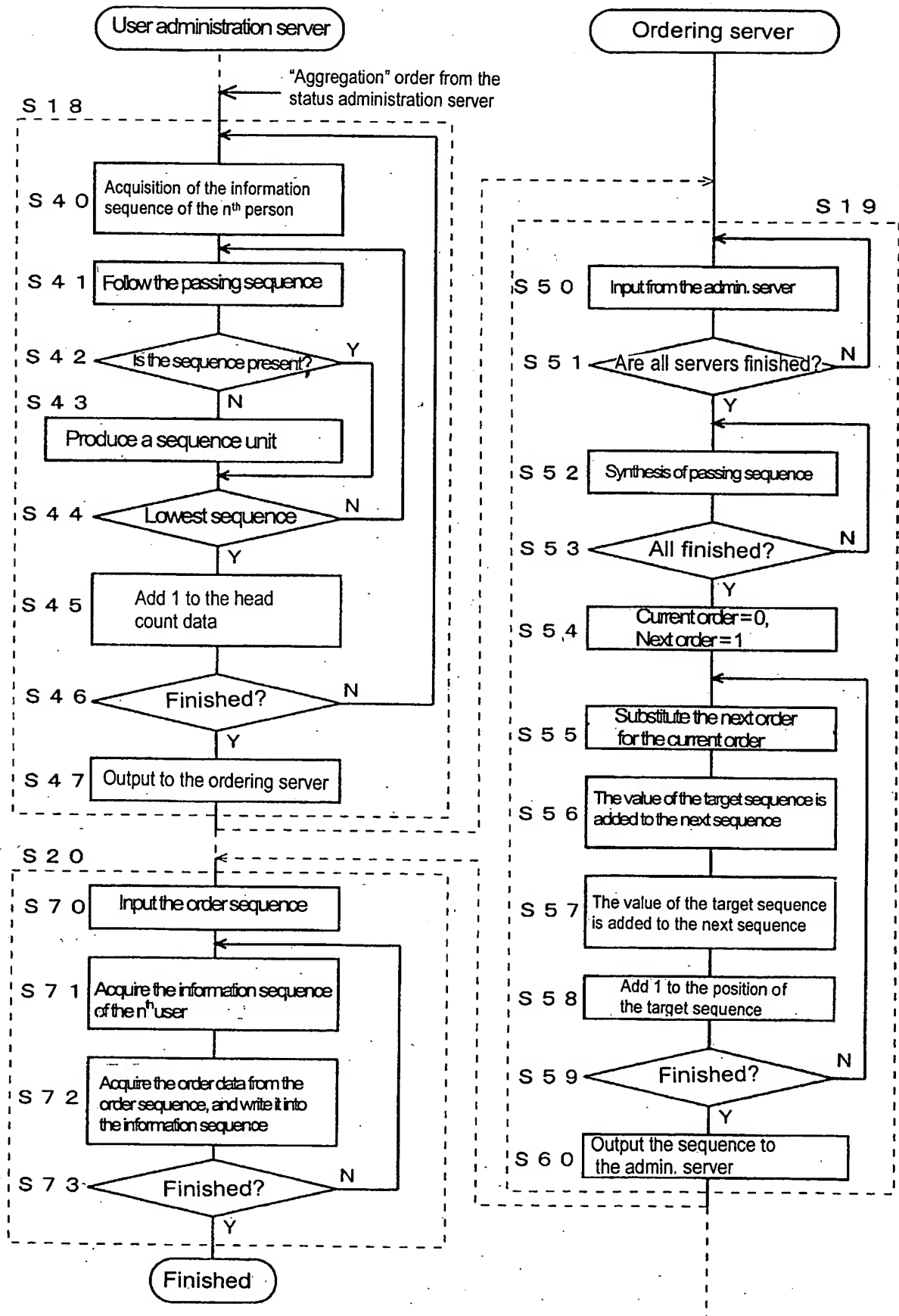
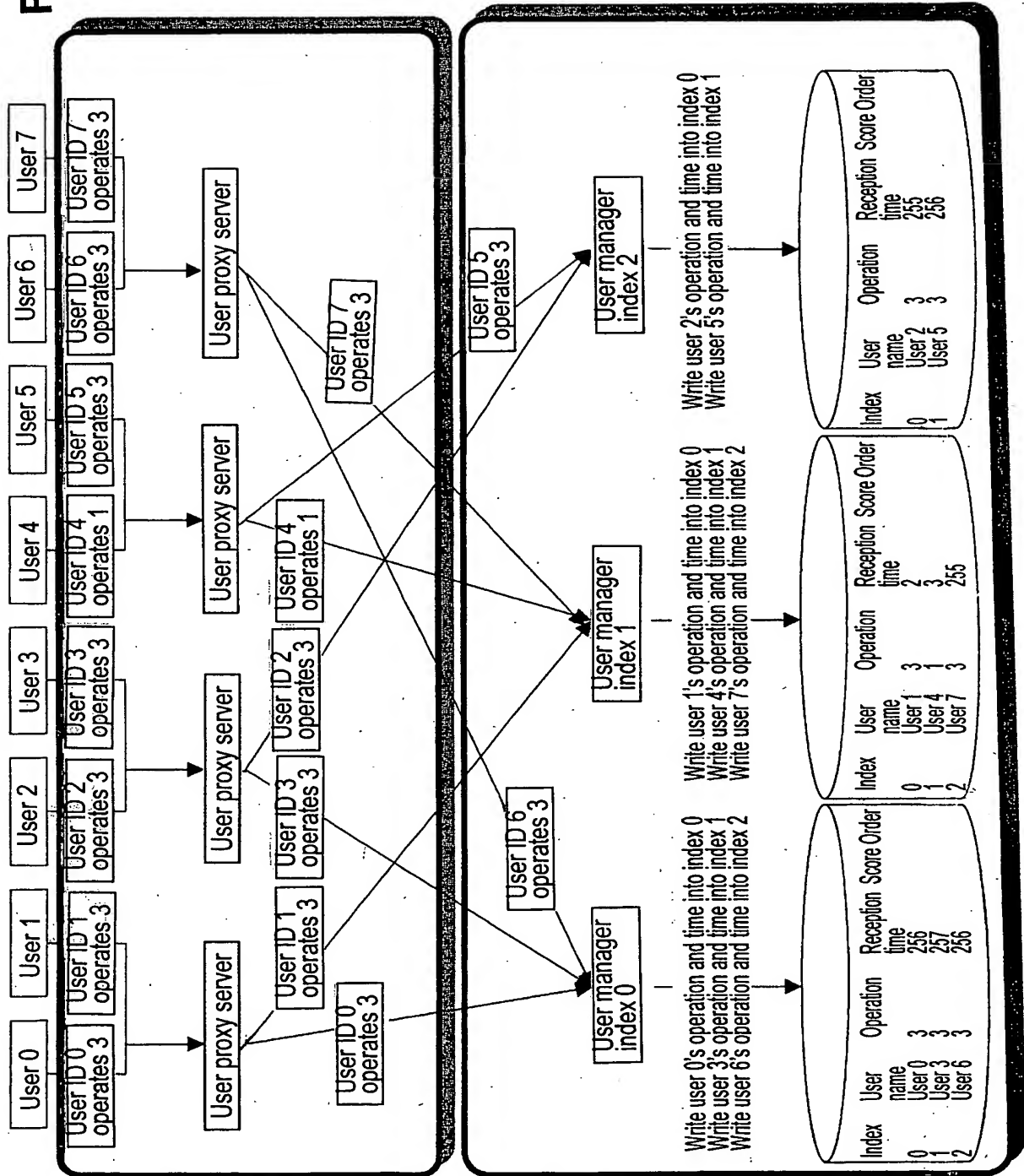
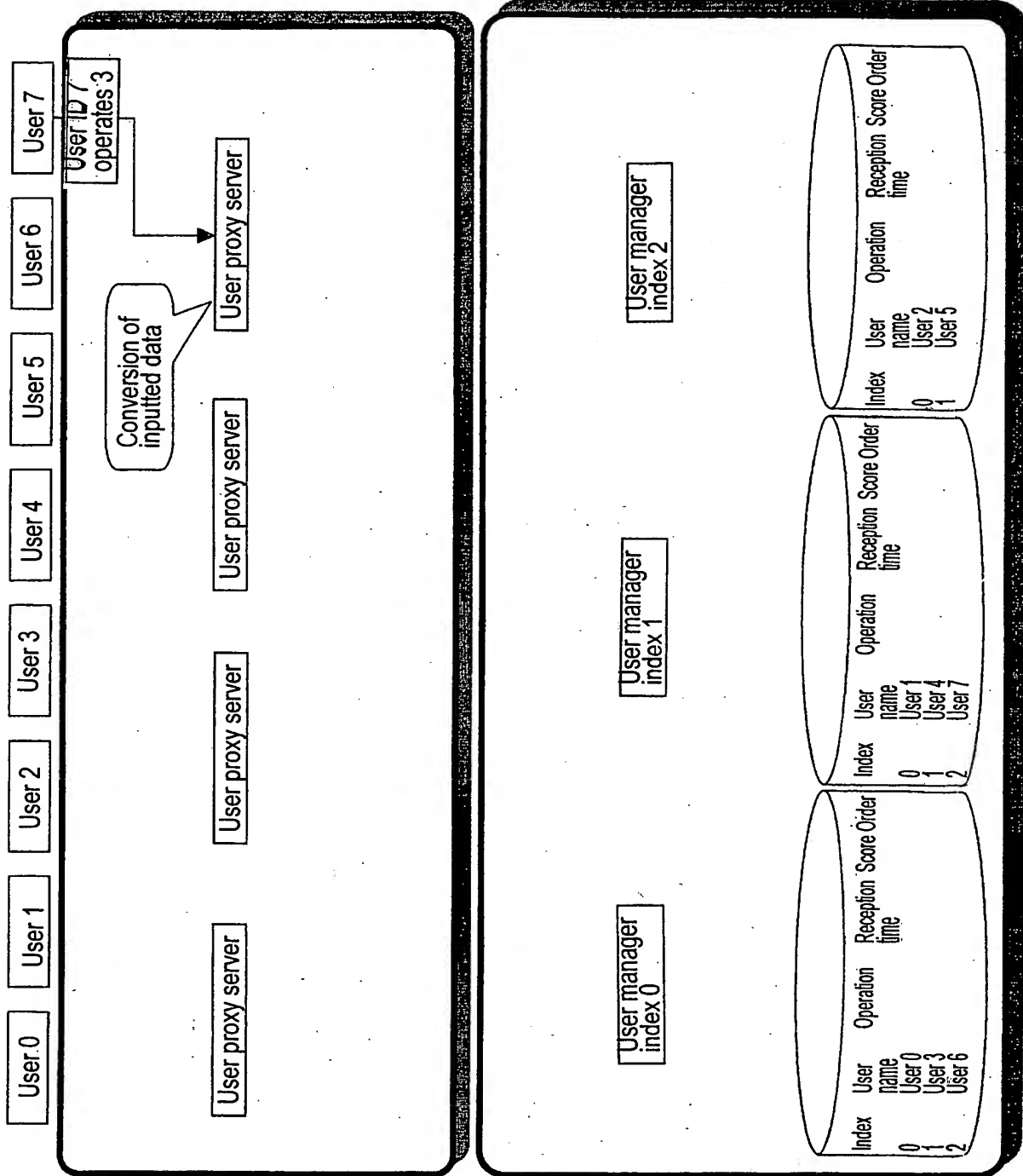


FIG. 9





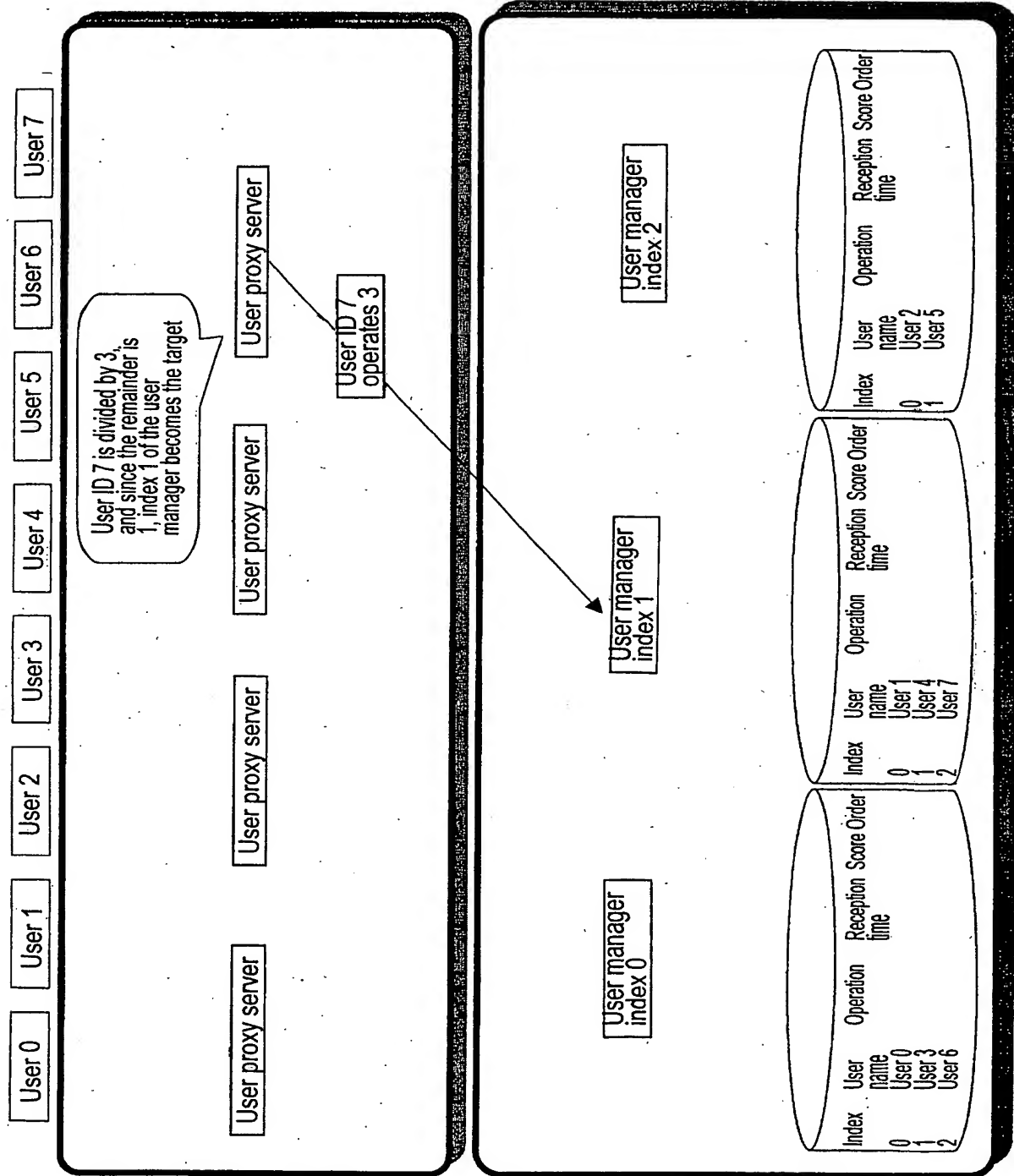


FIG. 11

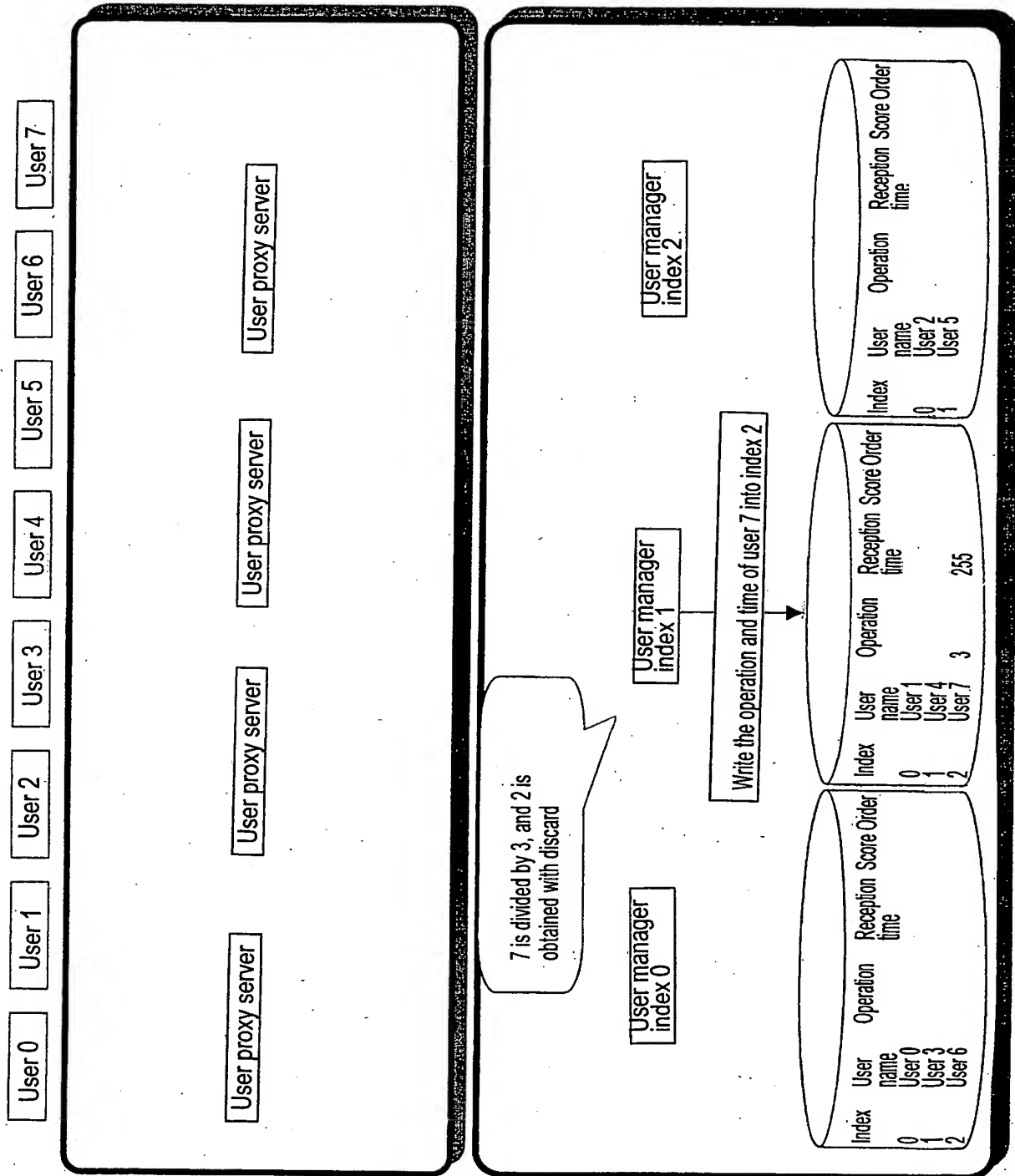


FIG. 12

Fig. 13

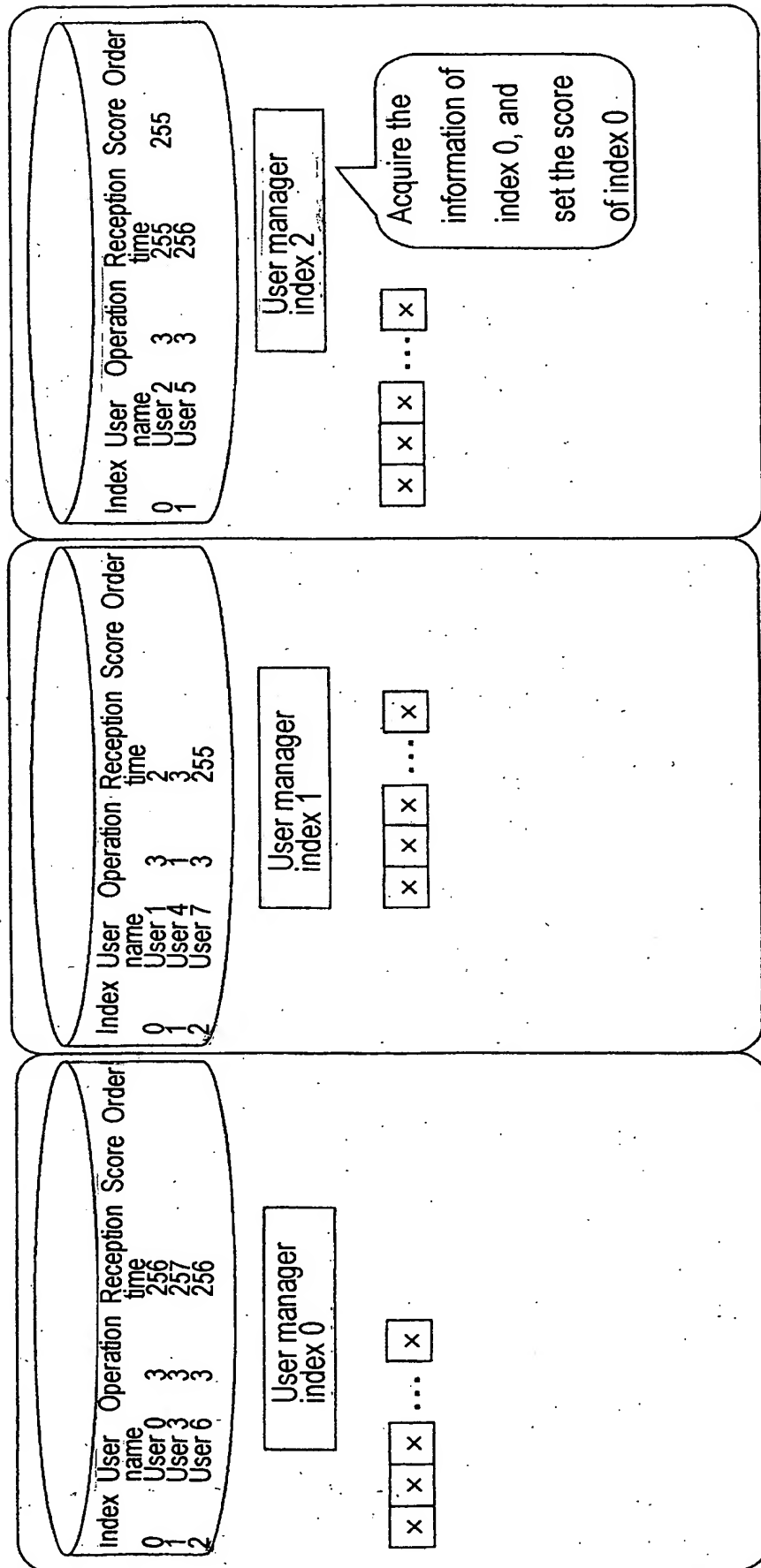


FIG. 14

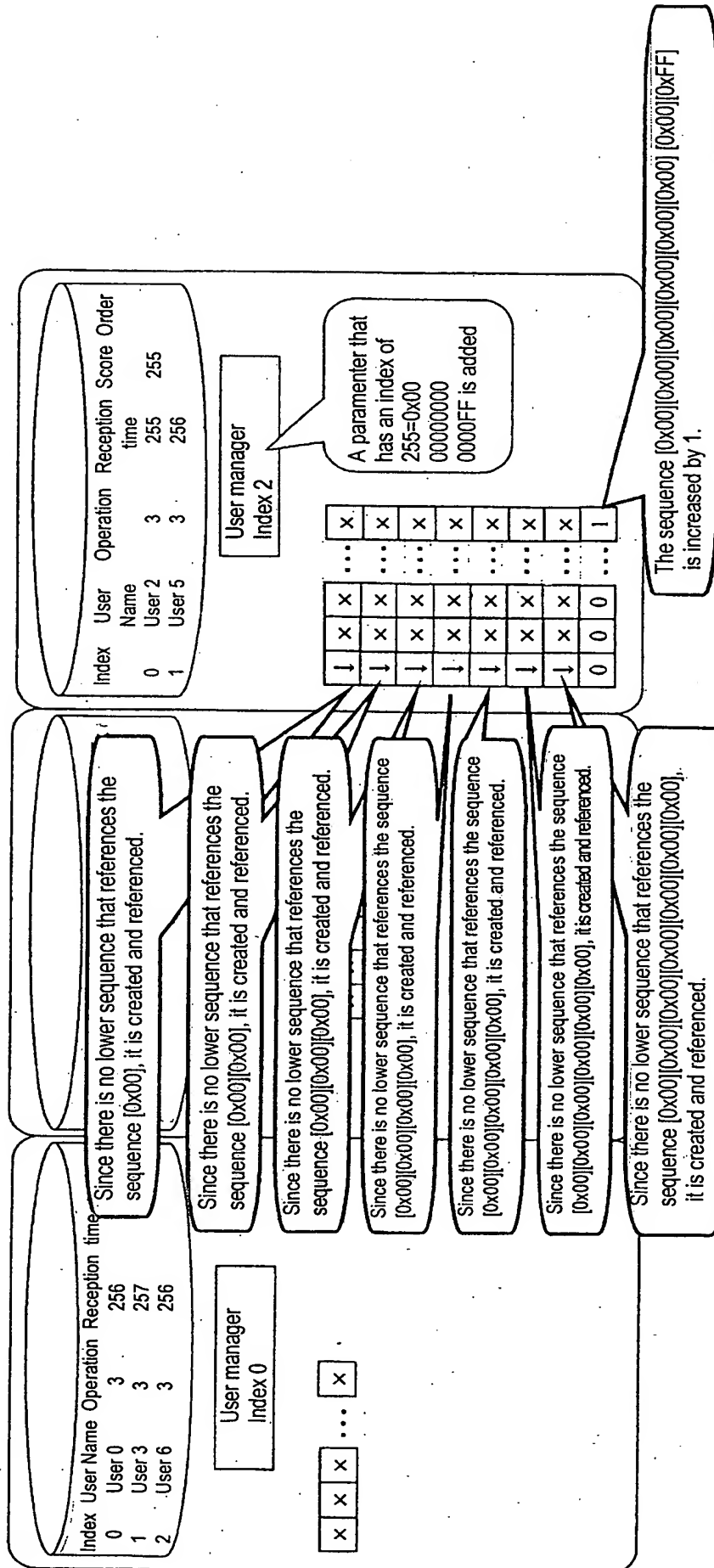


Fig. 16

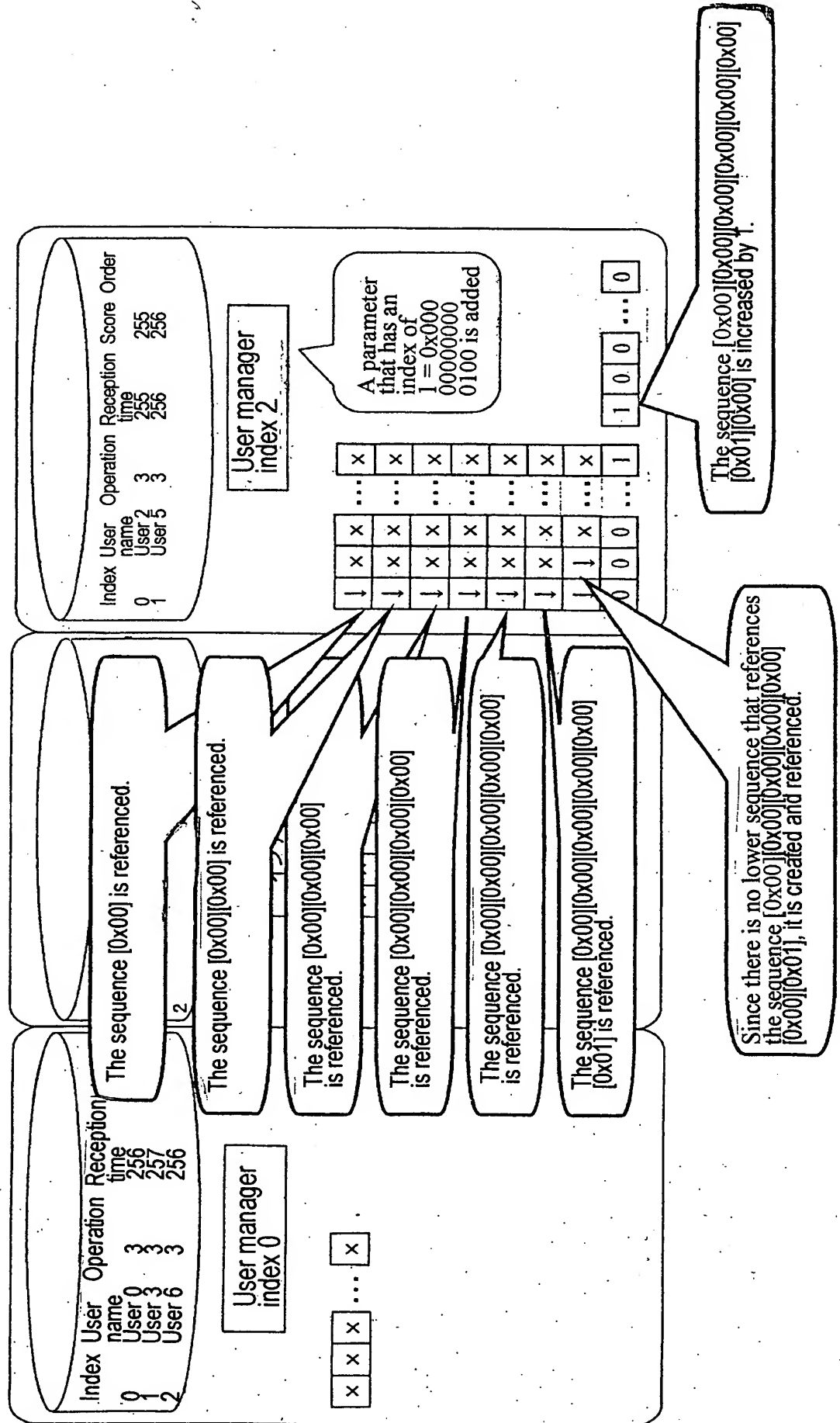


Fig. 17

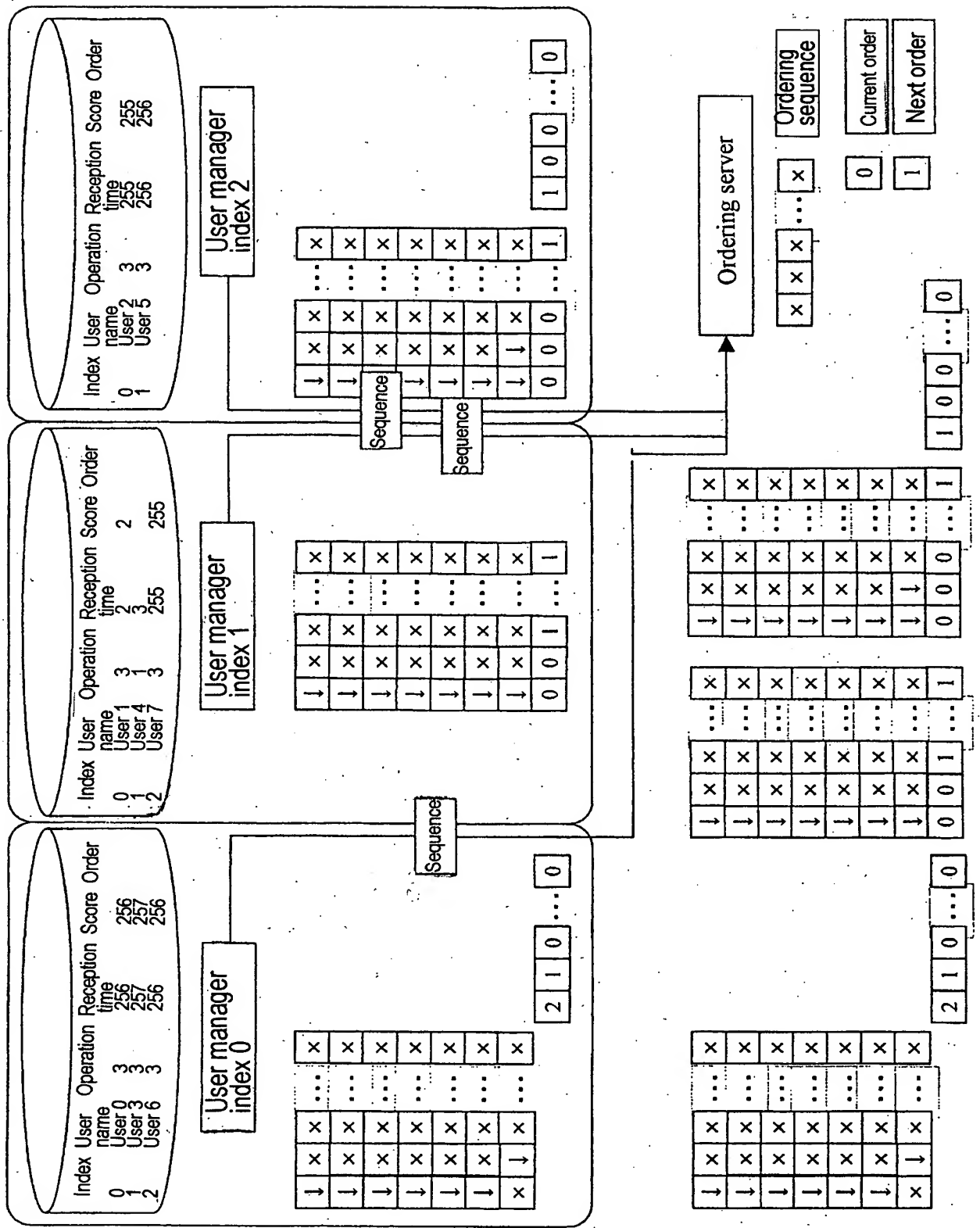
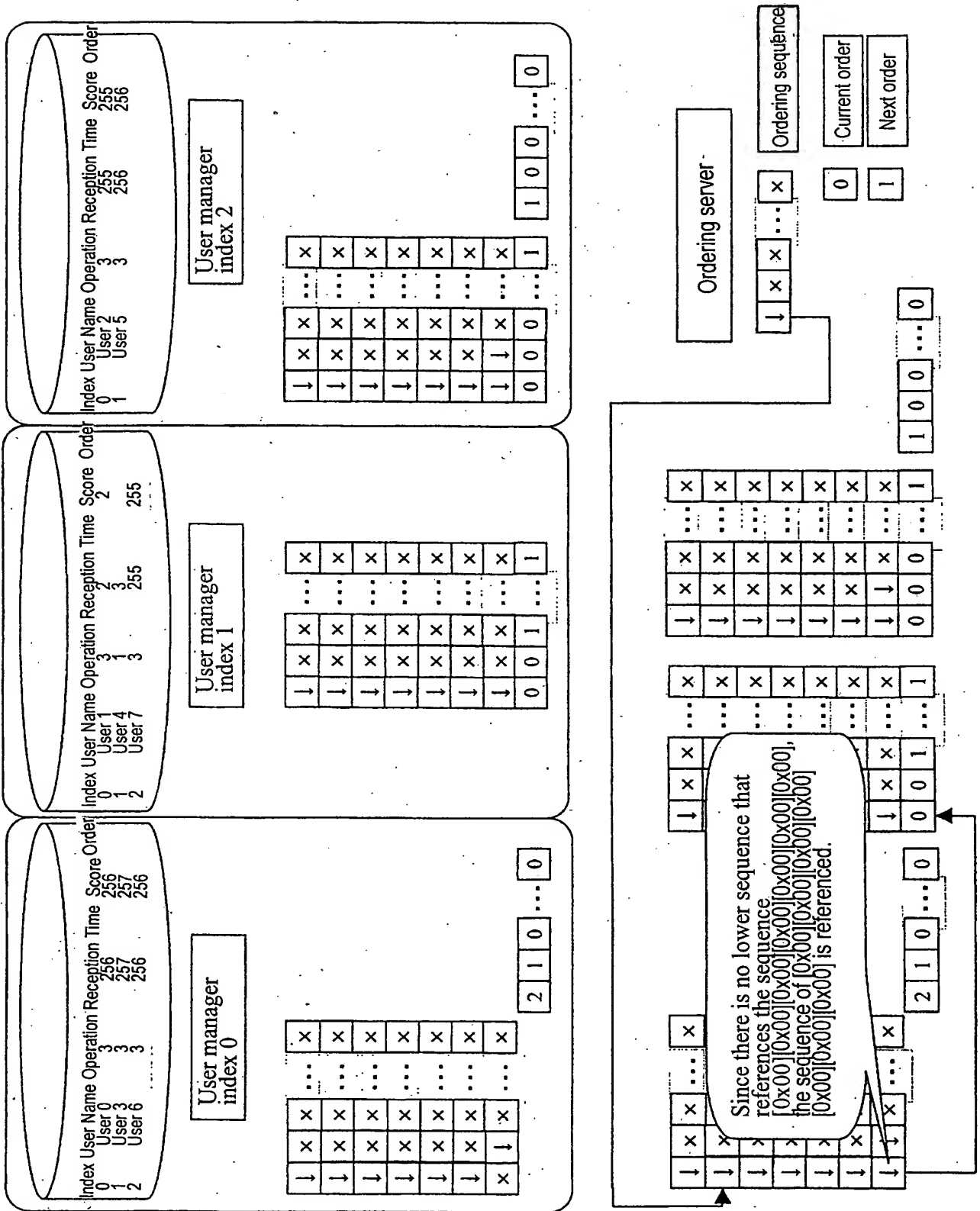


FIG. 18



The diagram illustrates a distributed system with three nodes, each representing a different user manager. Each node contains a table of user operations, a 'User manager' box with an index, and a grid of operation results.

Node 0 (User manager index 0):

Index	User Name	Operation	Reception Time	Score	Order
0	User 0	3	256	256	0
1	User 3	3	257	257	1
2	User 6	3	256	256	2

User manager index 0

↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
×	↓	×	...	×

2 1 0 ... 0

Node 1 (User manager index 1):

Index	User Name	Operation	Reception Time	Score	Order
0	User 1	3	2	2	0
1	User 4	1	3	3	1
2	User 7	3	255	255	2

User manager index 1

↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
0	×	×	...	1

2 1 0 ... 0

Node 2 (User manager index 2):

Index	User Name	Operation	Reception Time	Score	Order
0	User 2	3	255	255	0
1	User 5	3	256	256	1

User manager index 2

↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
↓	×	×	...	×
0	×	×	...	1

1 0 0 ... 0

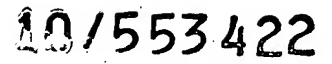


FIG. 20

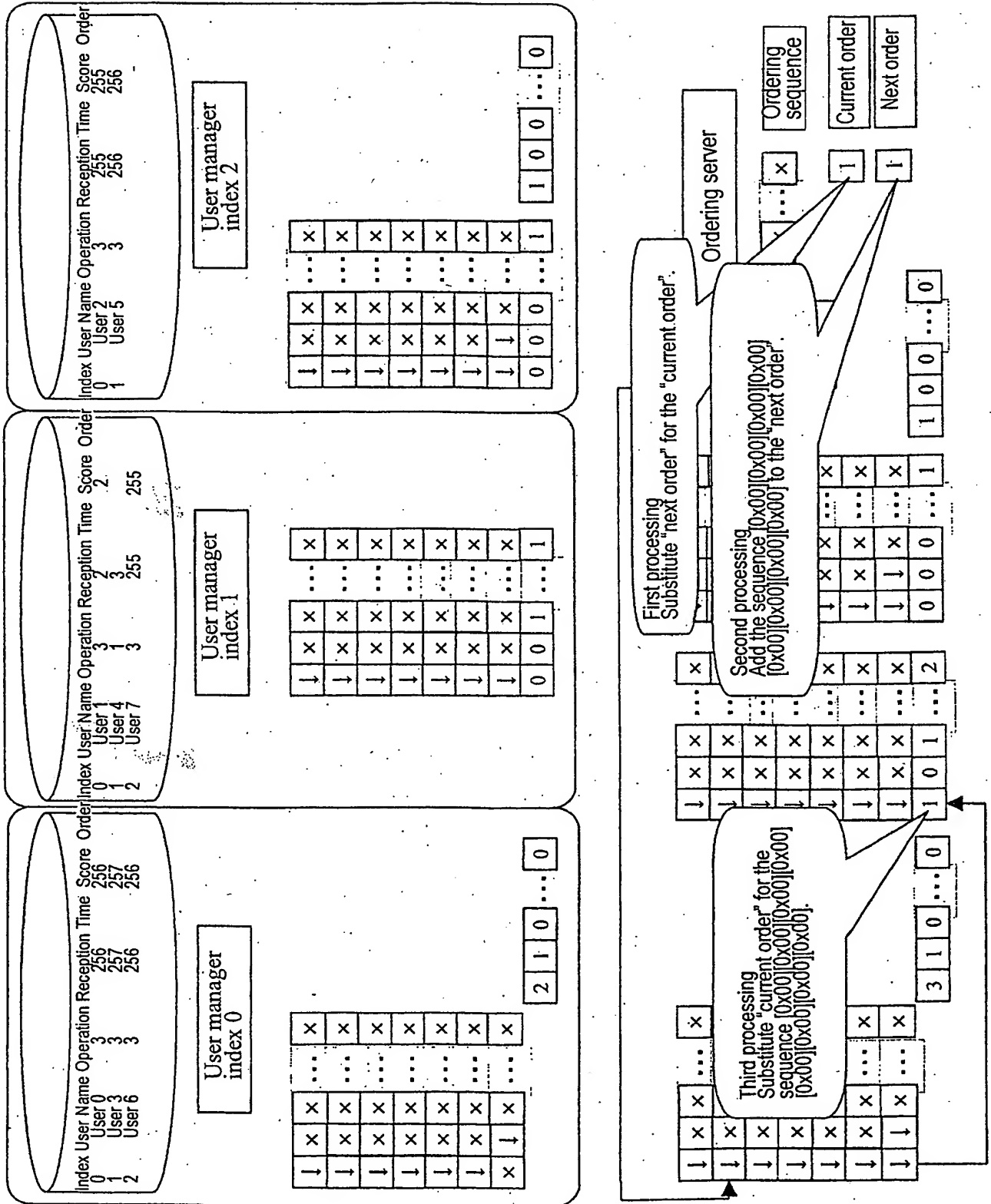


FIG. 21

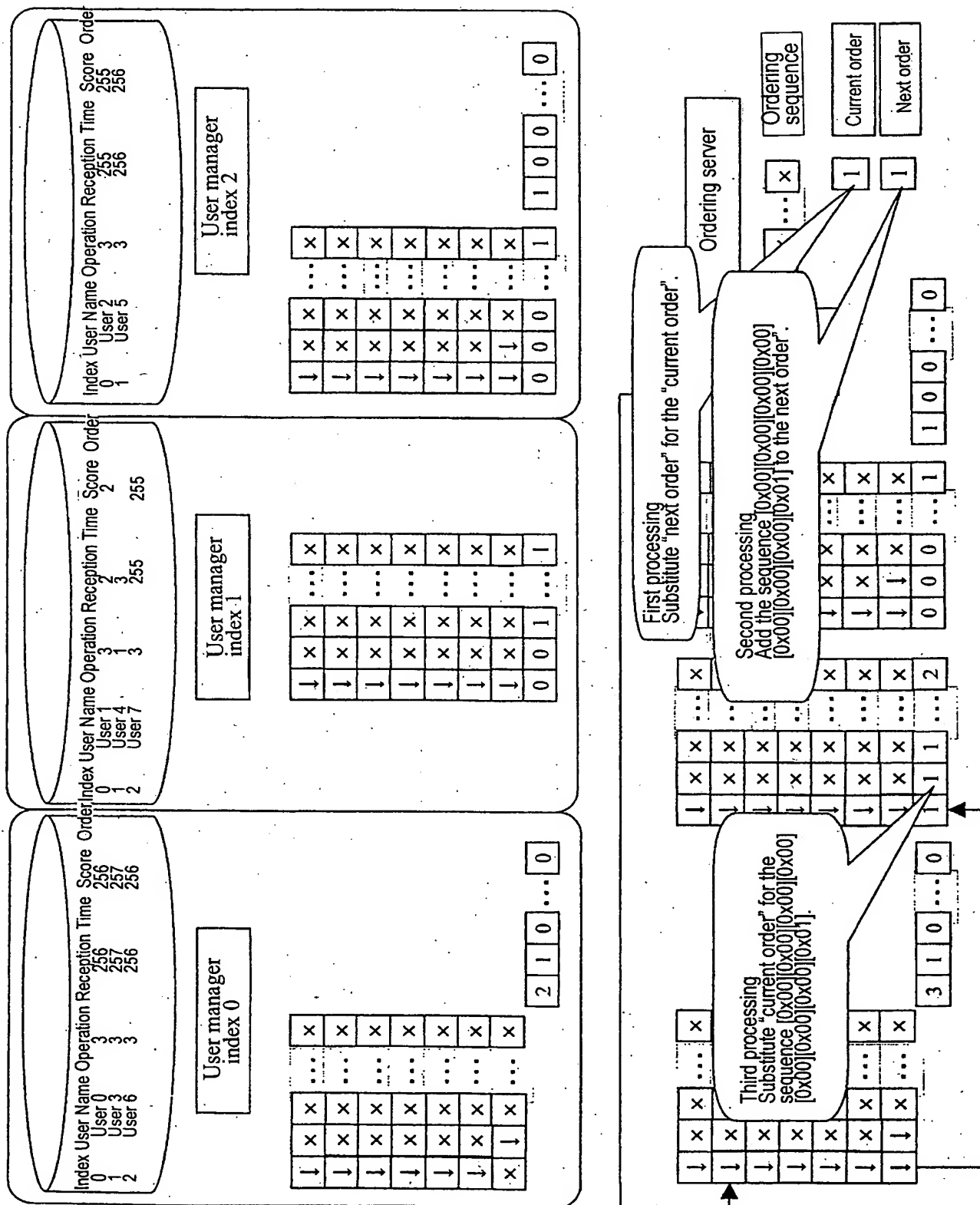


FIG. 22

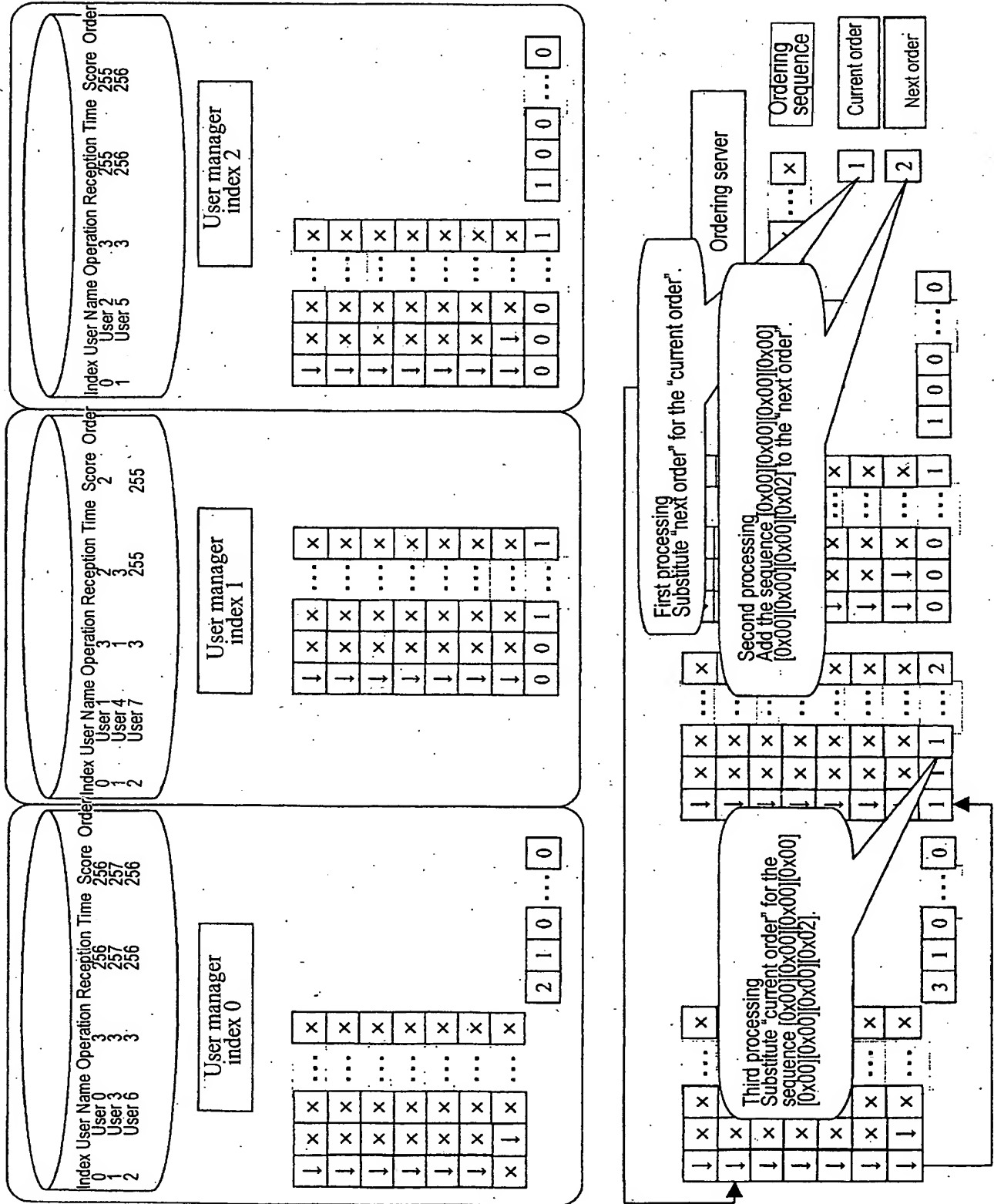


FIG. 23

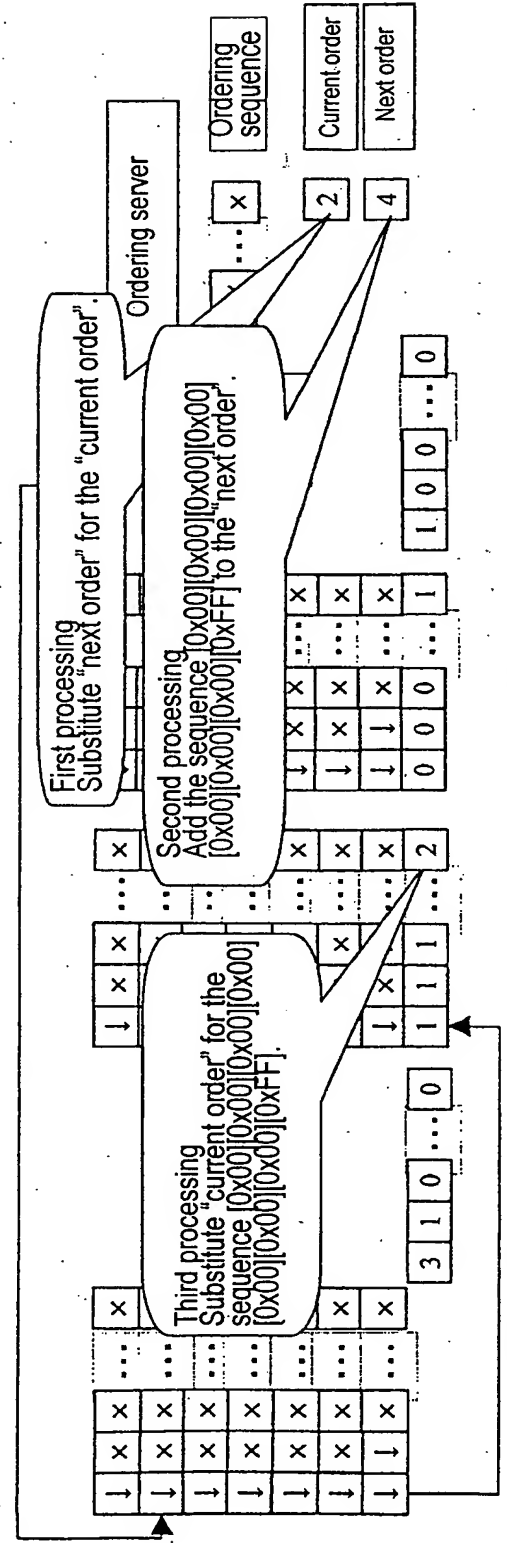
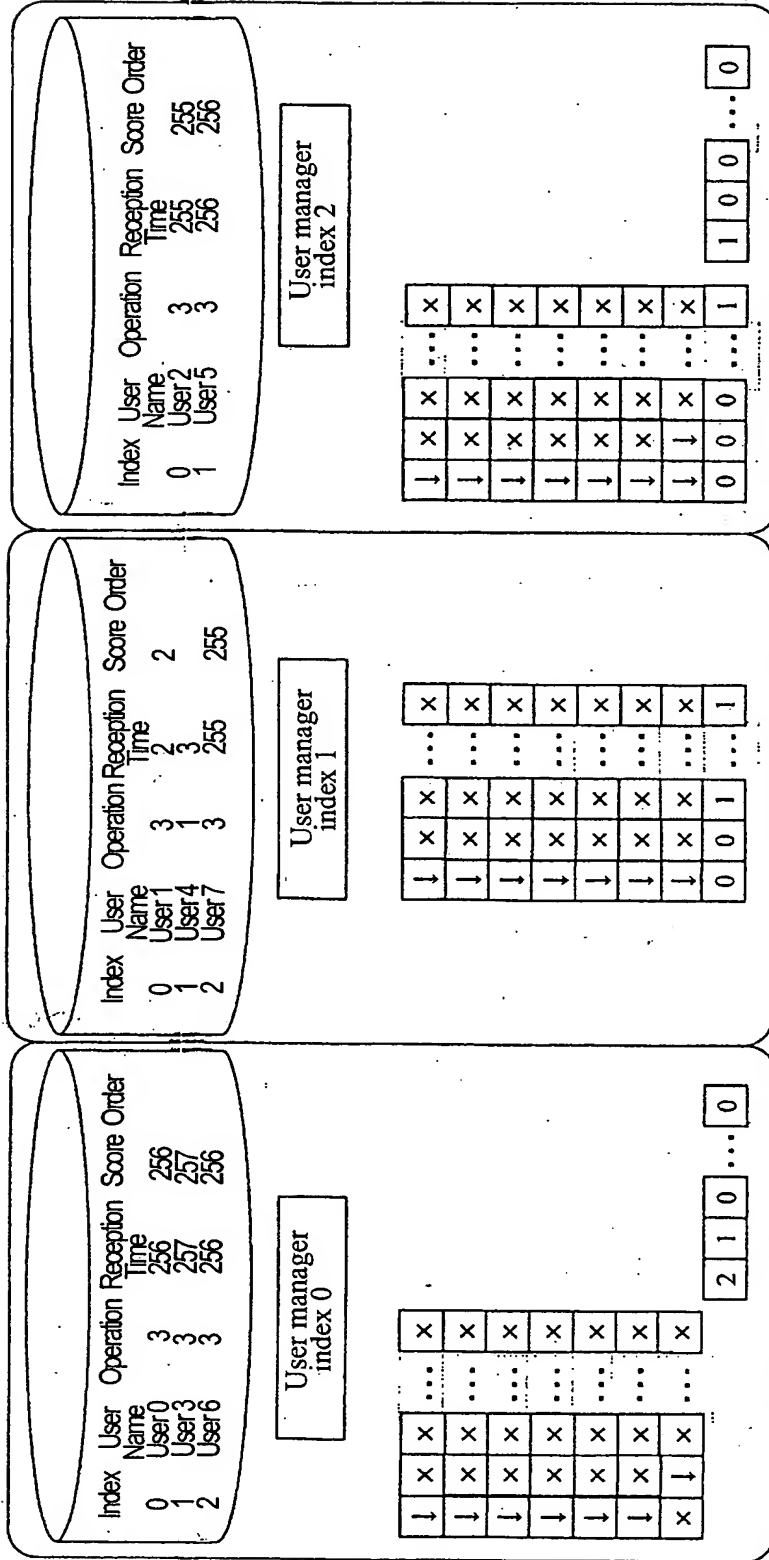


FIG. 24

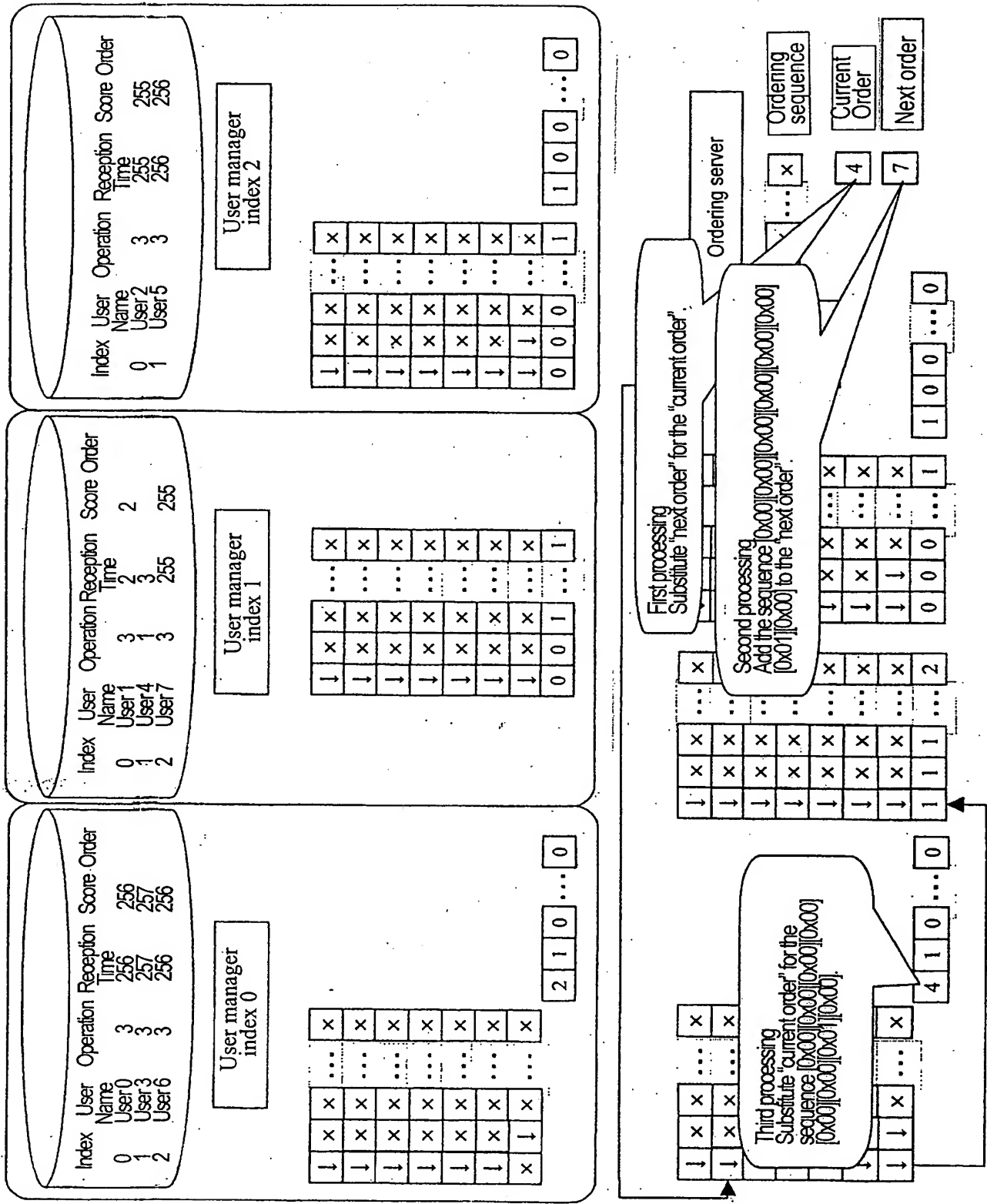


Fig. 25

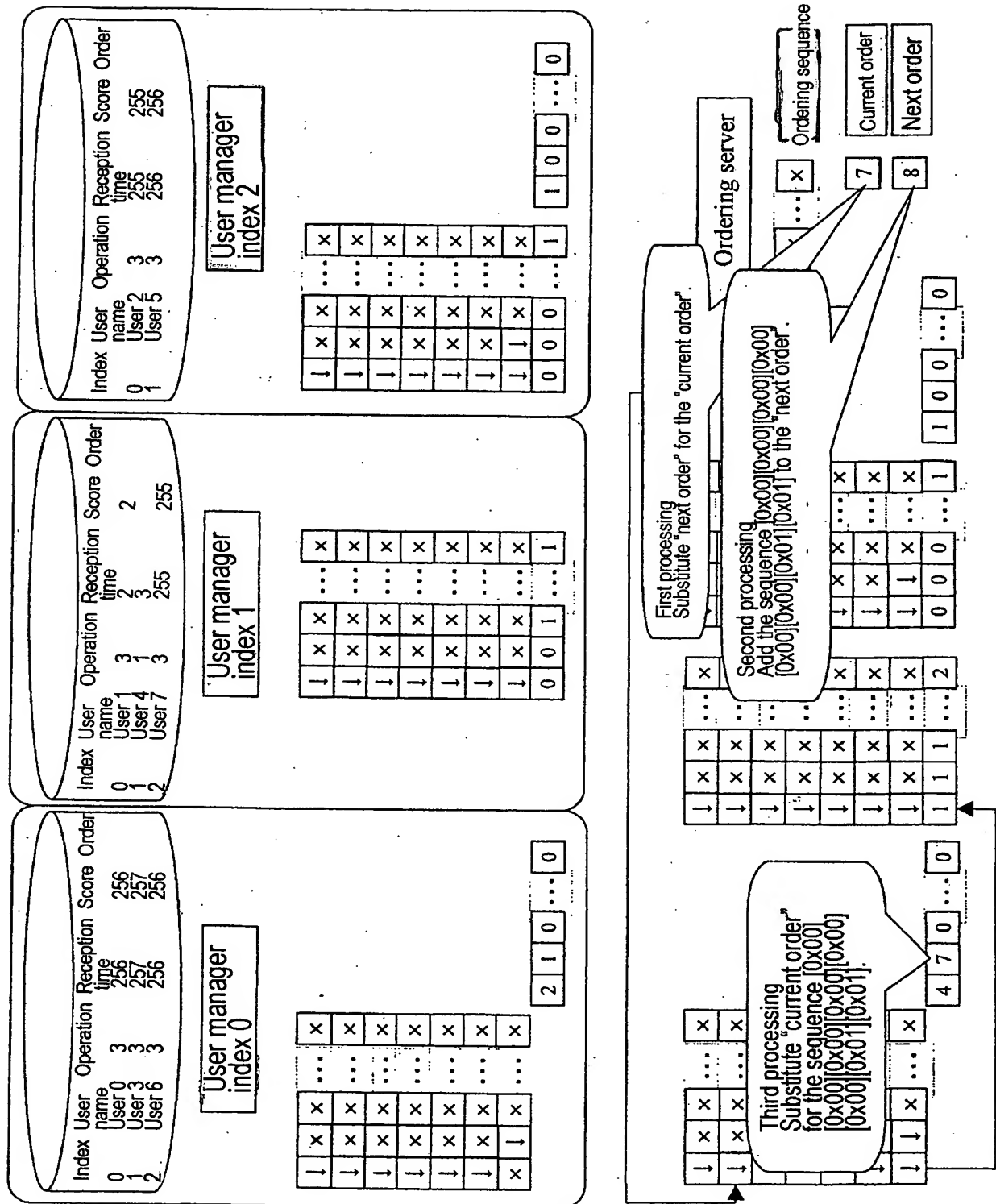


Fig. 26

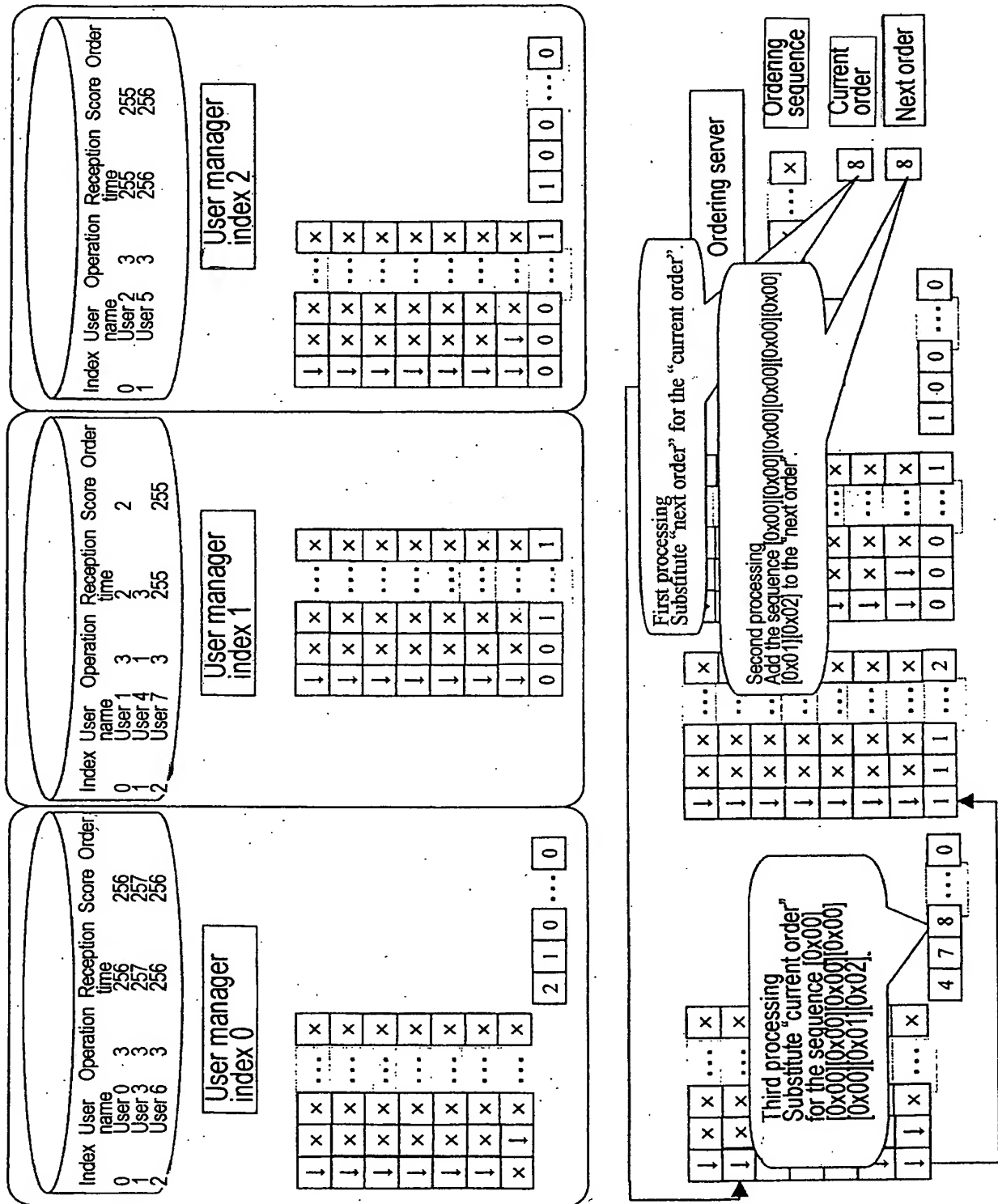


Fig. 27

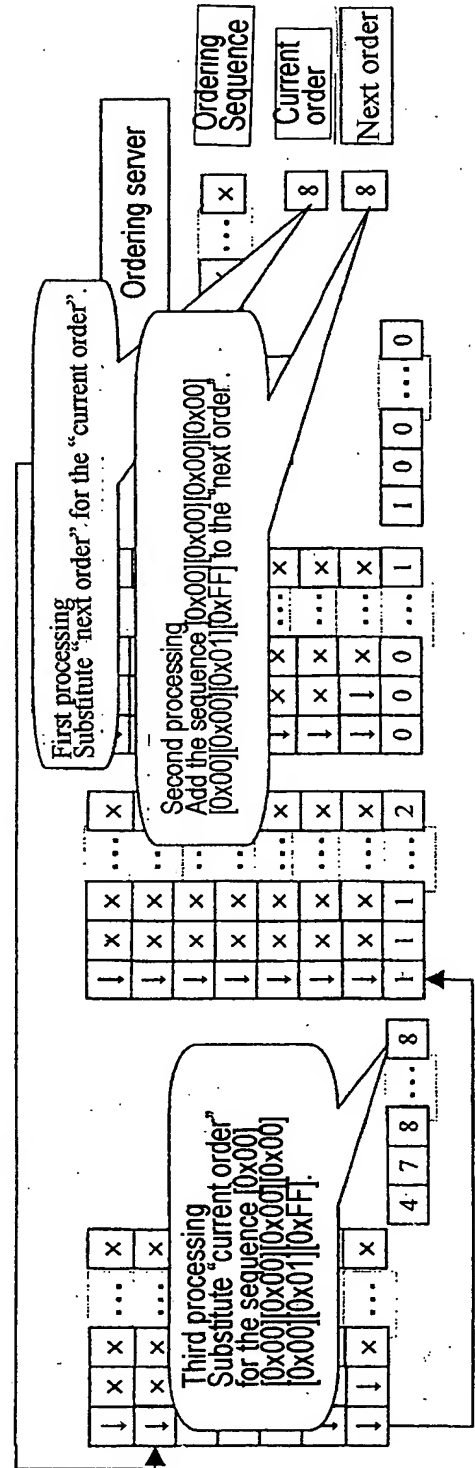
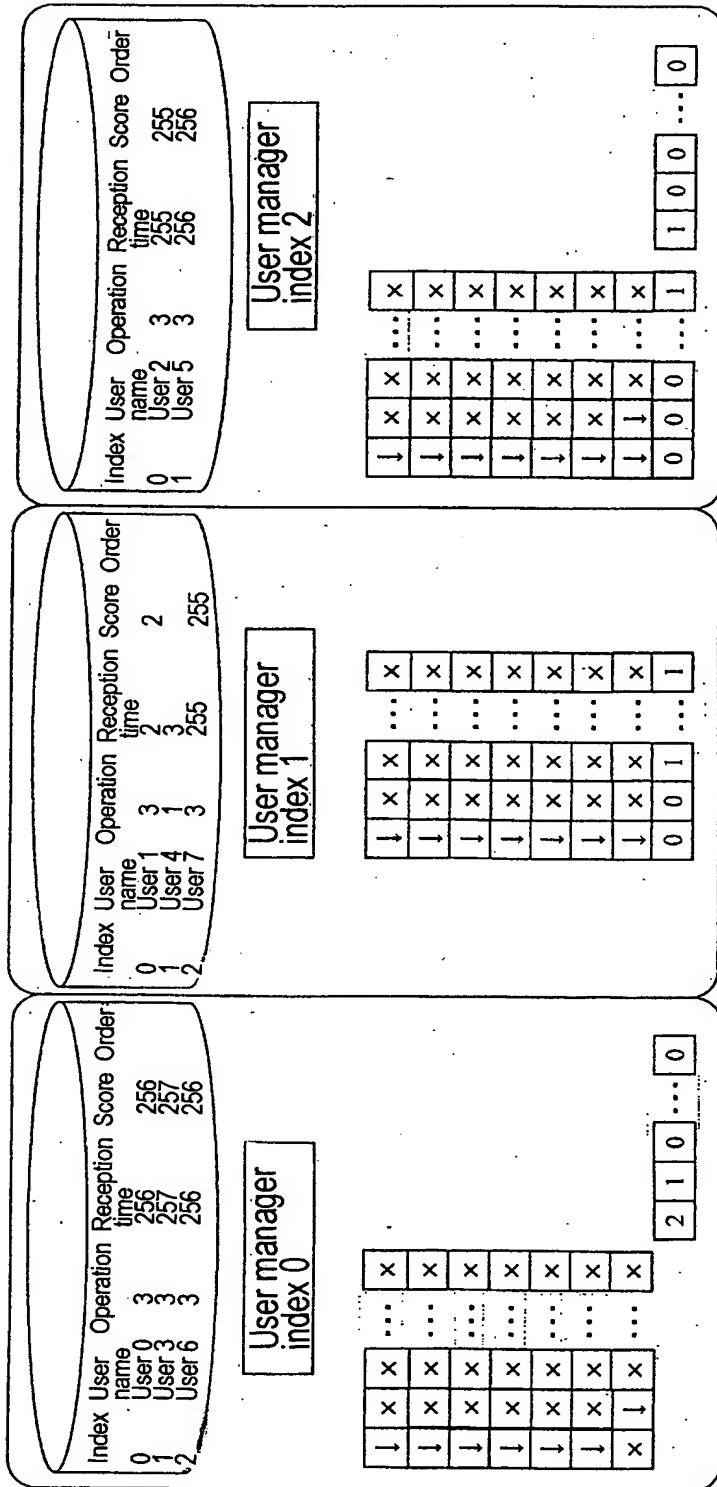


Fig. 28

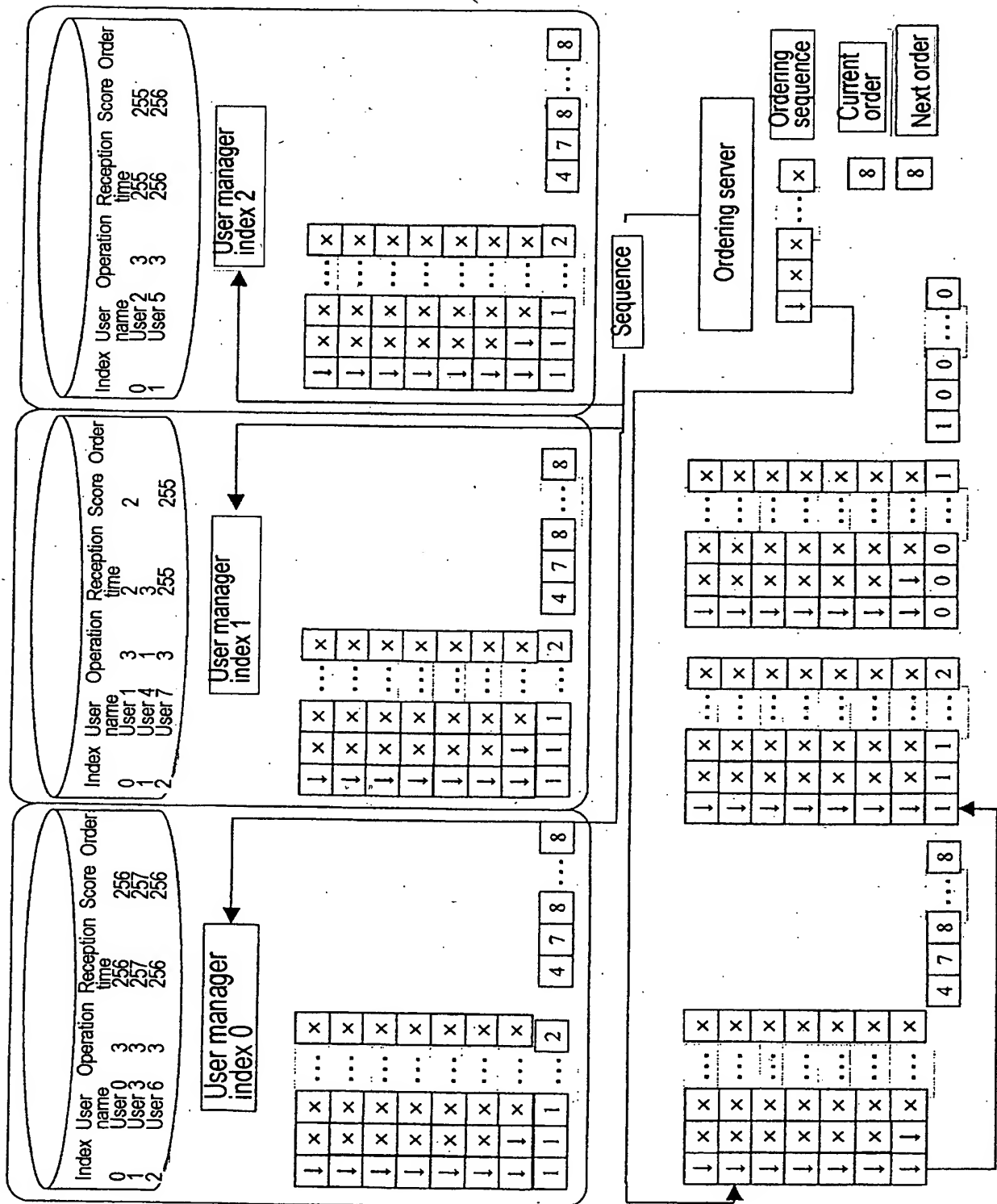


Fig. 29

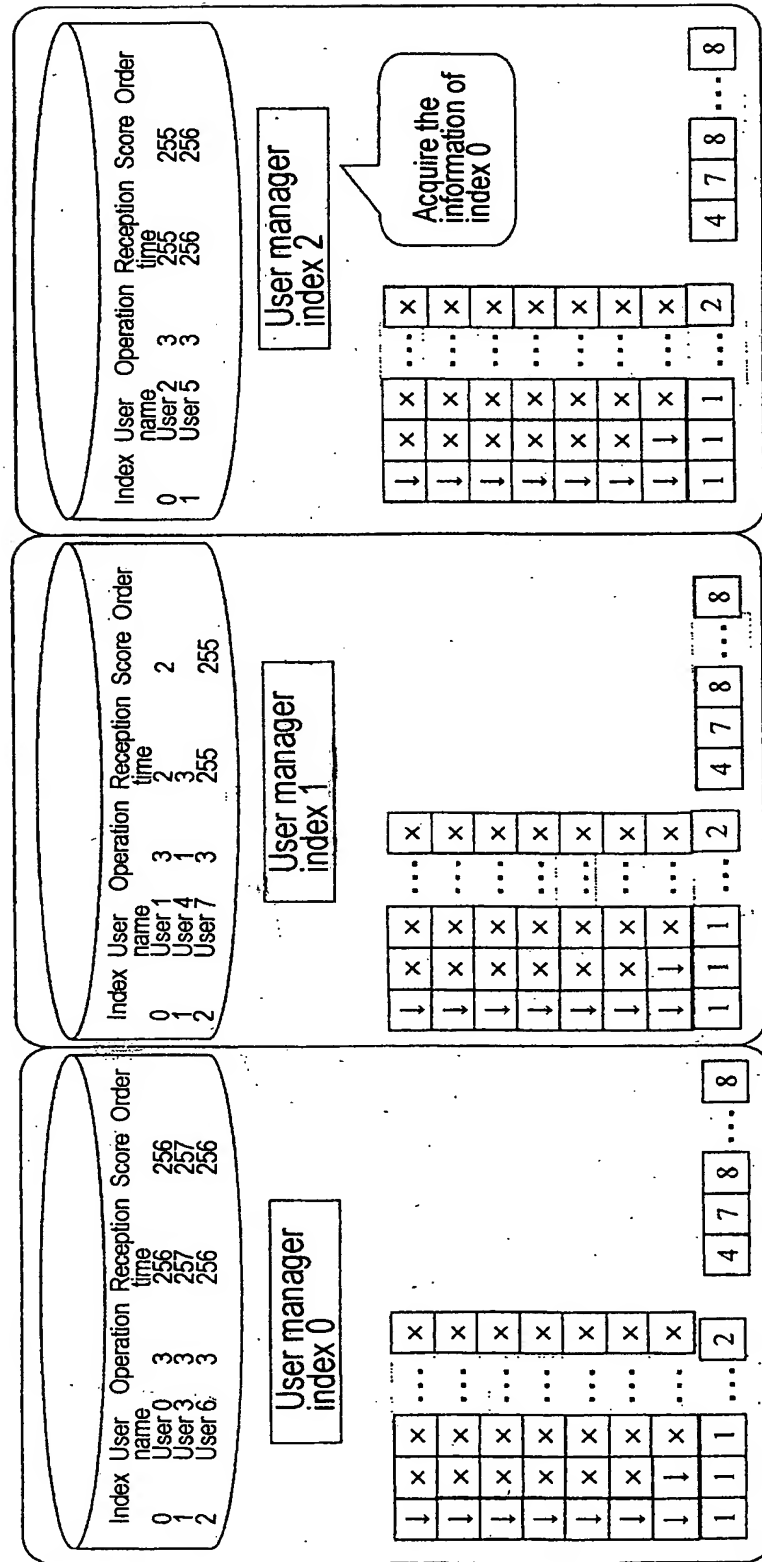


FIG. 31

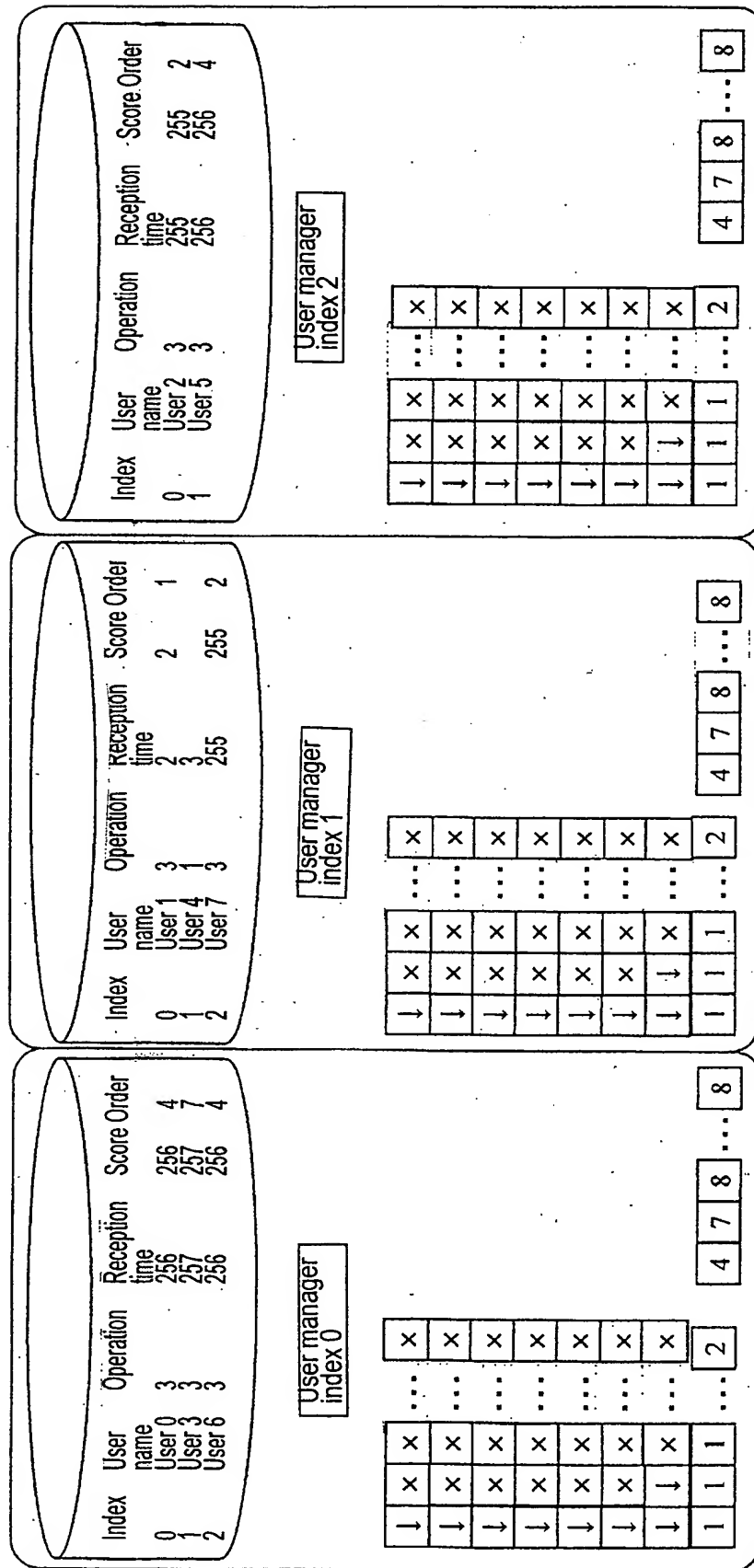


FIG. 32

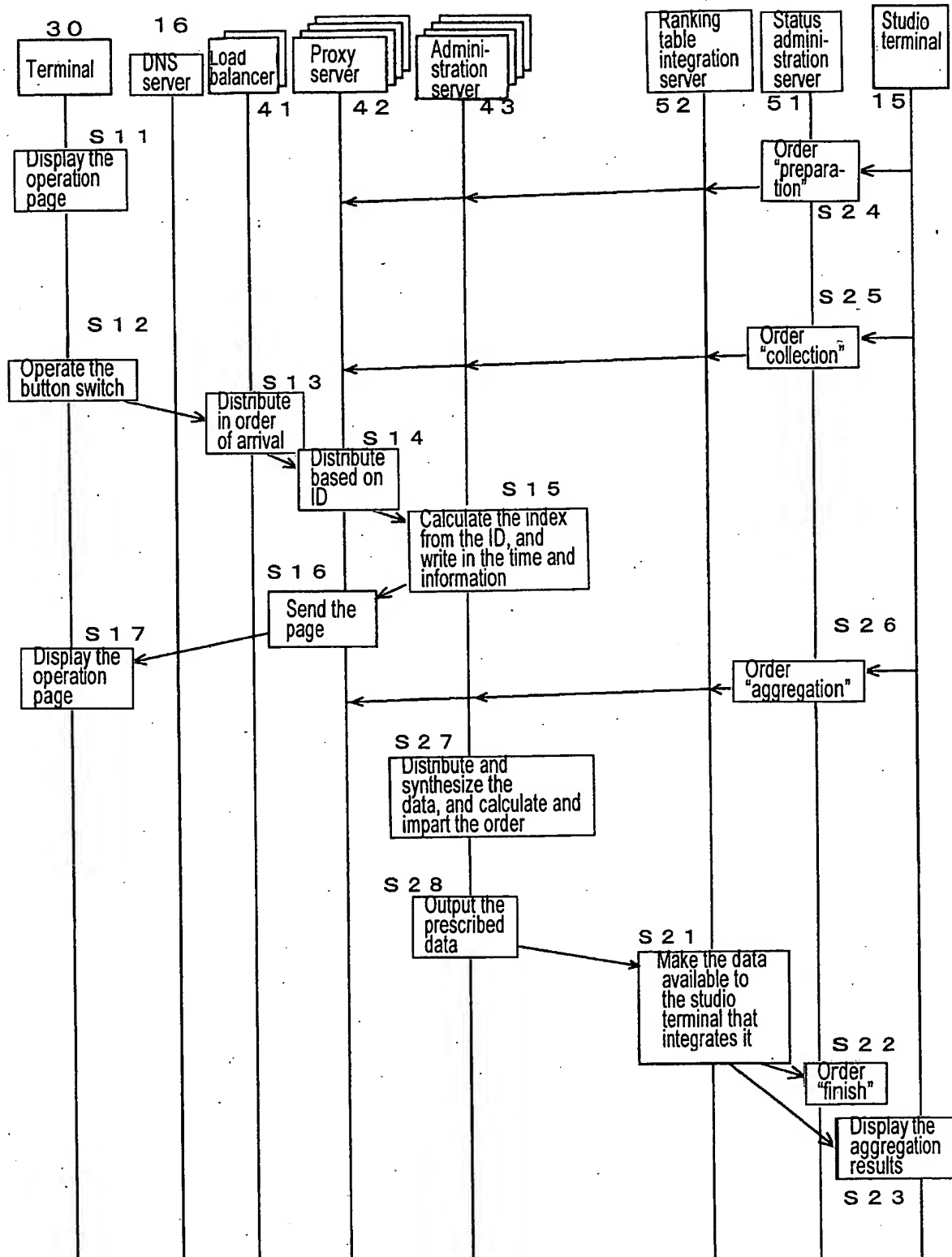


FIG. 33

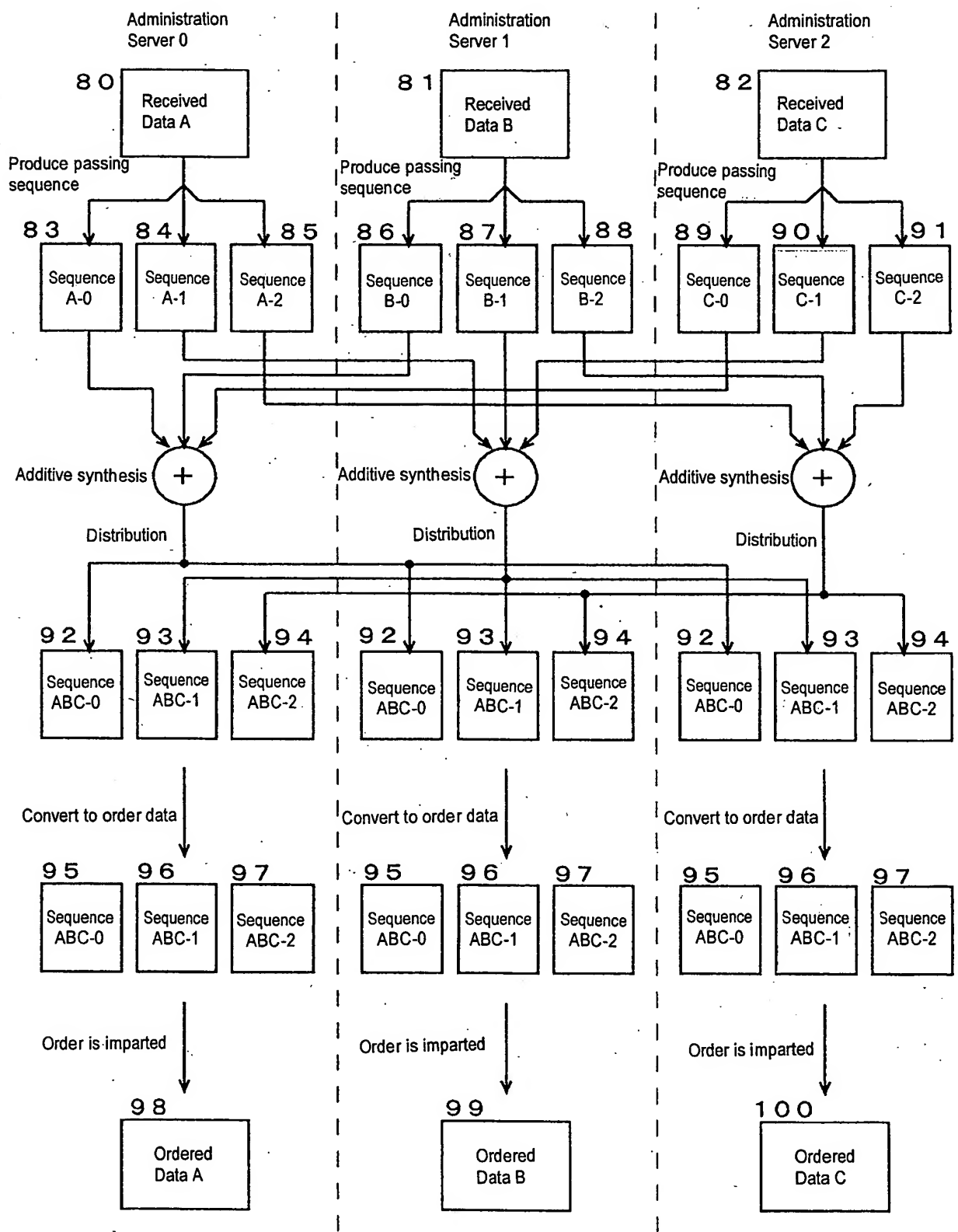


FIG. 34

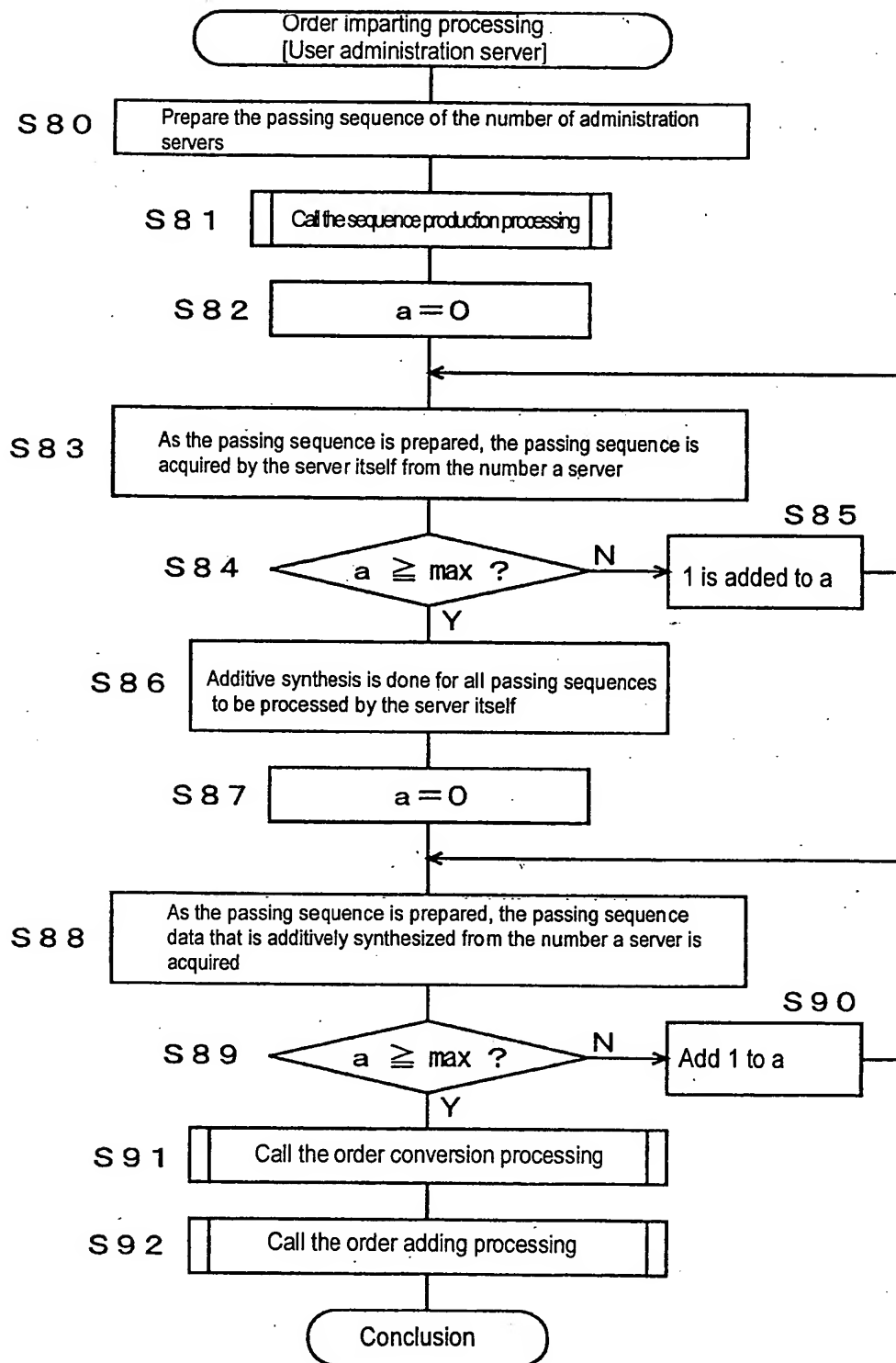


FIG. 35

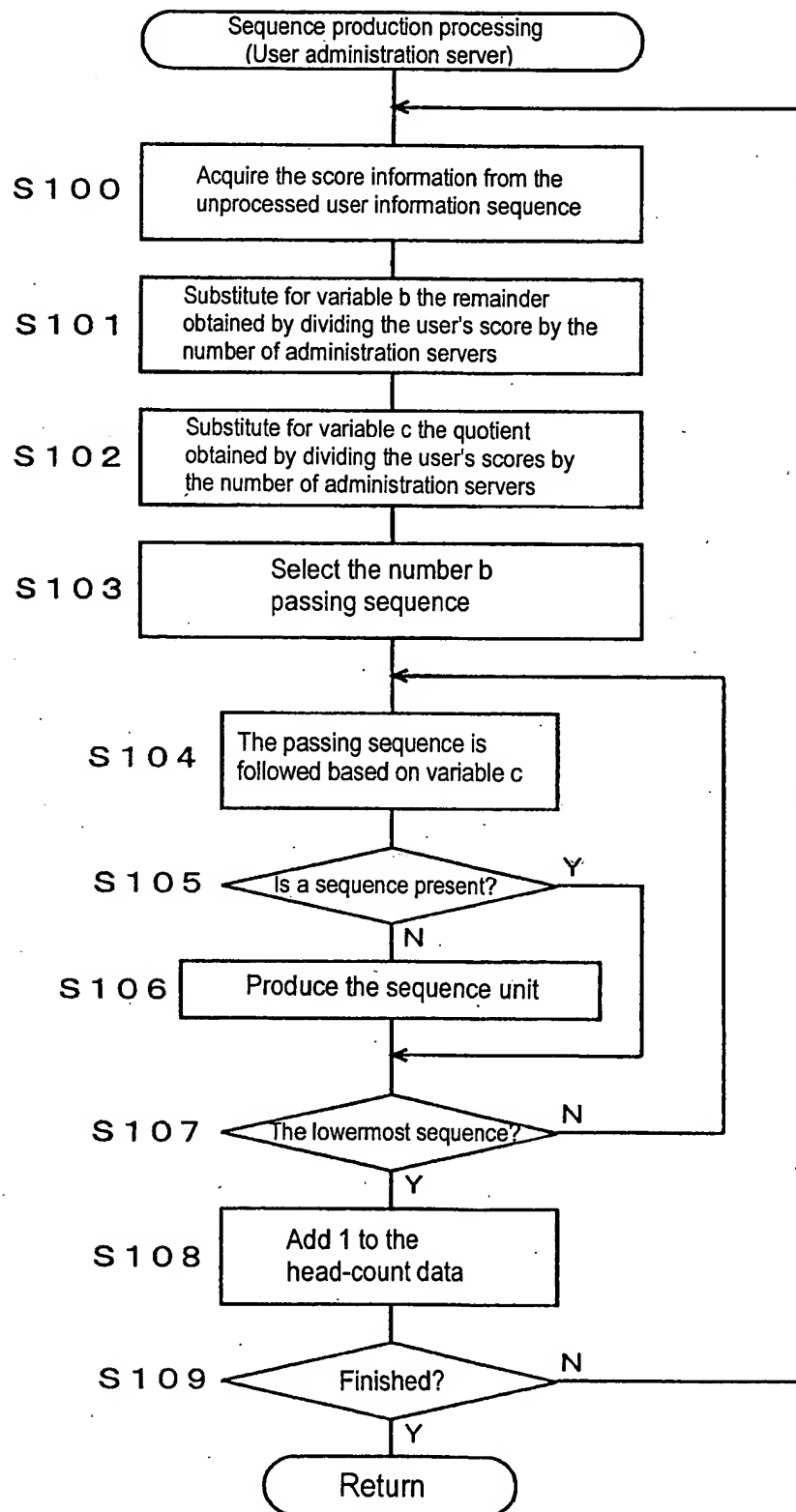


FIG. 36

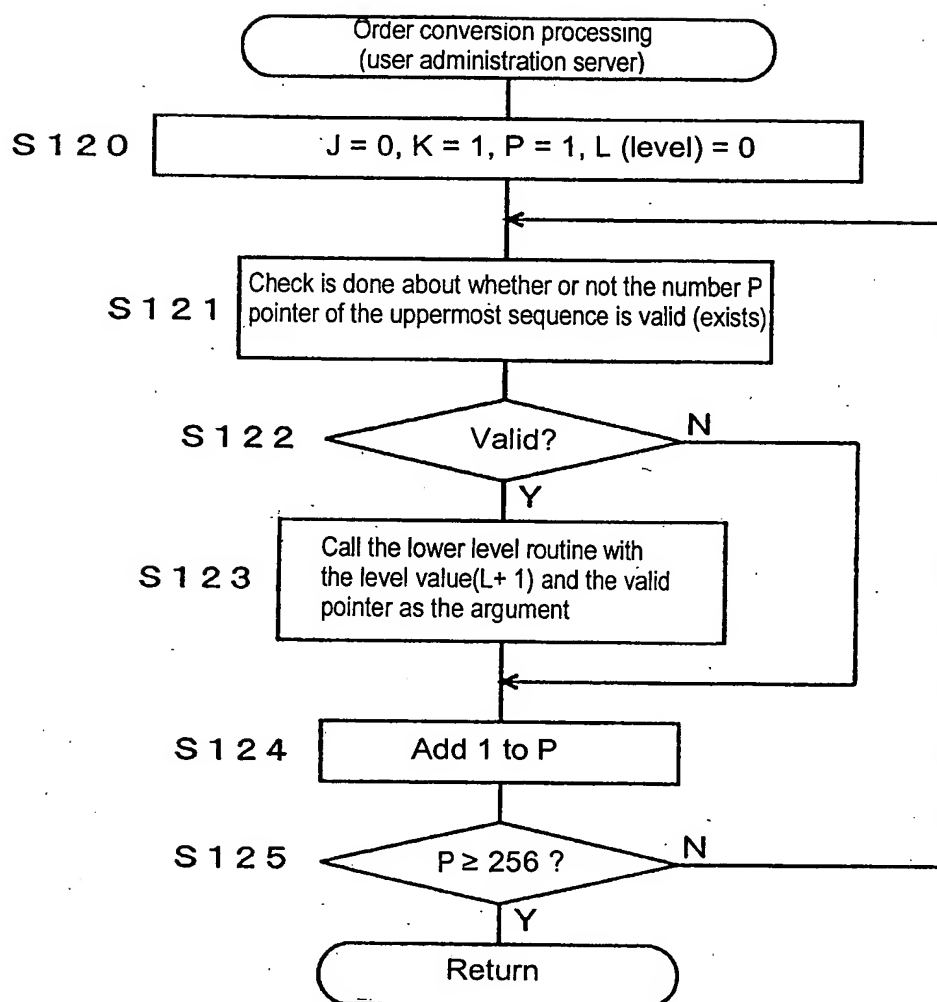


FIG. 37

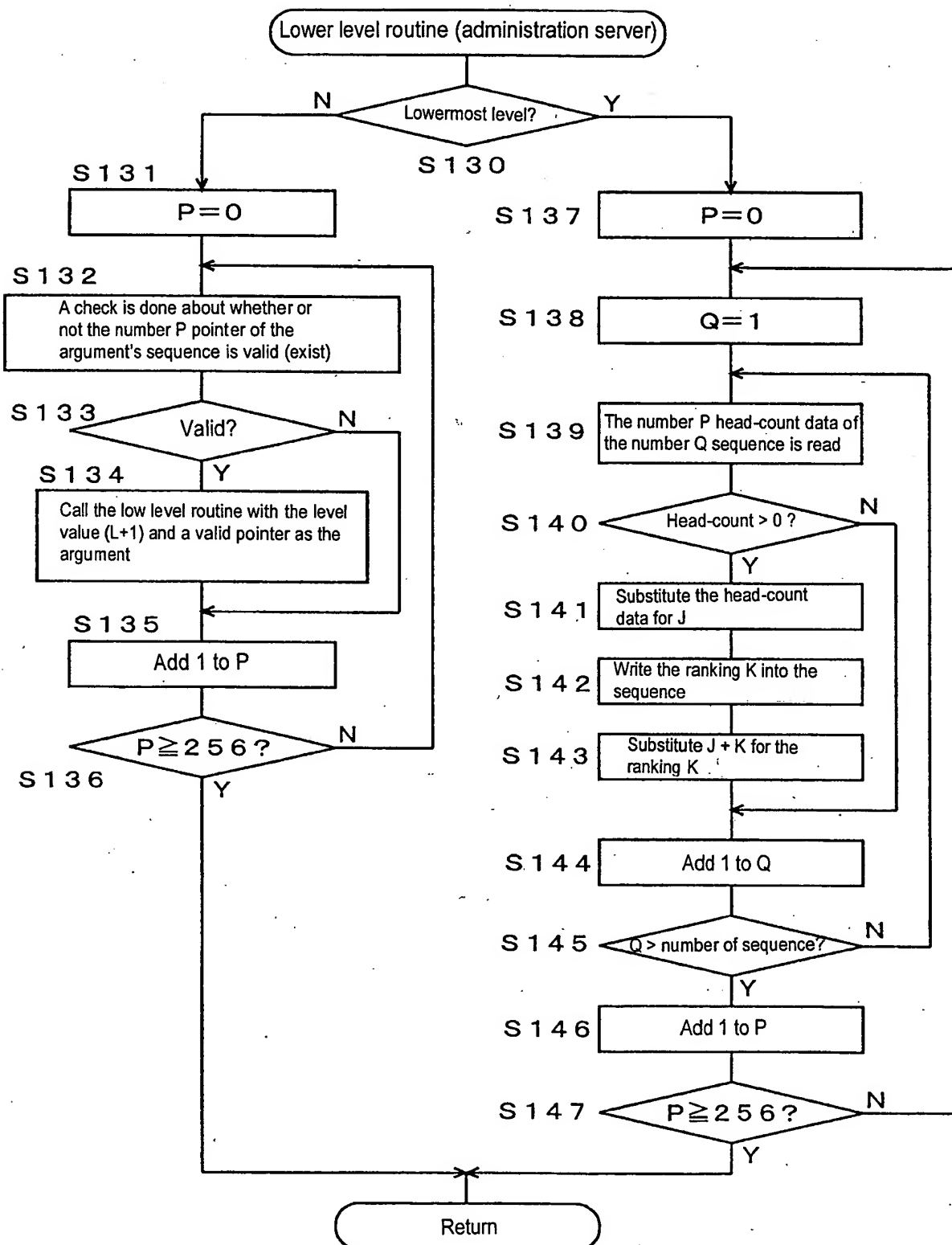


FIG. 38

